

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039673.D
 Acq On : 09 Jan 2024 10:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 05:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	8185	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	70305	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	82657	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	40064	31.223	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.067%			
60) 4-Bromofluorobenzene	11.079	95	54050	29.647	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.833%			
63) Toluene-d8	8.647	98	104227	30.670	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.233%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27979	20.233	ug/l	94
3) Chloromethane	1.295	50	30637	19.942	ug/l	98
4) Vinyl Chloride	1.374	62	29903	19.943	ug/l	99
5) Bromomethane	1.599	94	14027	19.577	ug/l	99
6) Chloroethane	1.666	64	11045	16.183	ug/l	98
7) Trichlorofluoromethane	1.874	101	41850	19.766	ug/l	100
8) Diethyl Ether	2.136	74	15473	19.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	26250	20.242	ug/l	99
10) 1,1-Dichloroethene	2.313	96	24646	19.835	ug/l	97
11) Methyl Iodide	2.447	142	26637	19.563	ug/l	99
12) Methyl Acetate	2.703	43	39252	19.614	ug/l	98
13) Acrolein	2.233	56	27082	90.701	ug/l	97
14) Acrylonitrile	3.062	53	88001	95.891	ug/l	100
15) Acetone	2.380	58	29735	102.722	ug/l	99
16) Carbon Disulfide	2.502	76	65458	19.540	ug/l	99
17) Allyl chloride	2.660	41	48445	19.772	ug/l	92
18) Methylene Chloride	2.788	84	29436	20.265	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	26610	20.182	ug/l	97
20) Diisopropyl ether	3.757	45	95726	20.015	ug/l	97
21) 1,1-Dichloroethane	3.605	63	53240	19.937	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	30017	19.477	ug/l	95
23) tert-Butyl Alcohol	3.008	59	44236	102.900	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	88548	19.443	ug/l	95
25) Chloroform	5.093	83	50582	19.301	ug/l	91
26) Cyclohexane	5.464	56	46035	19.872	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	38319	18.993	ug/l	96
30) 2-Butanone	4.556	43	131814	91.093	ug/l	97
31) 2,2-Dichloropropane	4.465	77	41108	18.326	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	43523	18.665	ug/l	98
33) Carbon Tetrachloride	5.666	117	33909	18.446	ug/l	93
34) Benzene	6.031	78	111581	18.643	ug/l	99
35) Methacrylonitrile	4.922	41	23411	16.814	ug/l	94
36) 1,2-Dichloroethane	6.086	62	42943	18.297	ug/l #	91
37) Trichloroethene	7.123	130	26608	18.712	ug/l	95
38) Methylcyclohexane	7.373	83	45815	18.560	ug/l	95
39) 1,2-Dichloropropane	7.428	63	29584	18.345	ug/l	97
40) Dibromomethane	7.580	93	20345	18.677	ug/l	98
41) Bromodichloromethane	7.818	83	36864	18.263	ug/l	100
42) Vinyl Acetate	3.721	43	441948	92.372	ug/l	99

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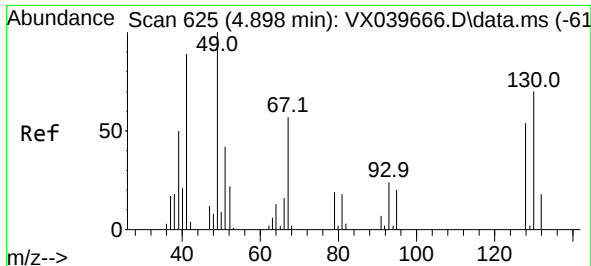
Manual Integrations
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 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 05:31:16 2024
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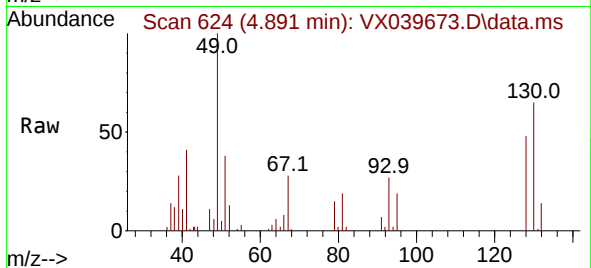
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	46542	17.160	ug/l	97
44) Isopropyl Acetate	6.336	43	75435	17.991	ug/l	98
45) 1,4-Dioxane	7.665	88	14391	355.998	ug/l	95
46) Methyl methacrylate	7.690	41	37067	18.407	ug/l	96
47) n-amyl Acetate	10.842	43	64600	17.642	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	39264	18.073	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	43358	18.223	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	28221	18.900	ug/l	96
51) Ethyl methacrylate	9.116	69	45166	18.108	ug/l	97
52) 1,3-Dichloropropane	9.305	76	47357	18.379	ug/l	100
53) Dibromochloromethane	9.519	129	25974	18.692	ug/l	100
54) 1,2-Dibromoethane	9.610	107	29711	18.986	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	109044	89.843	ug/l	100
56) Bromoform	10.799	173	15807	16.888	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	253889	93.381	ug/l	99
59) 2-Hexanone	9.433	43	204876	93.090	ug/l	98
61) Tetrachloroethene	9.269	164	21343	19.493	ug/l	96
62) Toluene	8.714	91	117704	19.208	ug/l	99
64) Chlorobenzene	10.079	112	67925	19.065	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	23690	18.703	ug/l	100
66) Ethyl Benzene	10.195	91	129359	19.225	ug/l	99
67) m/p-Xylenes	10.299	106	95770	38.966	ug/l	97
68) o-Xylene	10.640	106	47193	19.126	ug/l	97
69) Styrene	10.653	104	75929	19.249	ug/l	98
70) Isopropylbenzene	10.964	105	127054	19.509	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	47357	18.932	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	39158m	18.716	ug/l	
73) Bromobenzene	11.195	156	27301	18.987	ug/l	95
74) n-propylbenzene	11.305	91	150800	19.421	ug/l	99
75) 2-Chlorotoluene	11.366	91	92109	19.094	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	106613	19.163	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12009	17.490	ug/l	88
78) 4-Chlorotoluene	11.451	91	102712	19.197	ug/l	97
79) tert-butylbenzene	11.713	119	102399	19.424	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	106116	19.219	ug/l	98
81) sec-Butylbenzene	11.890	105	130165	19.212	ug/l	99
82) p-Isopropyltoluene	12.006	119	103026	19.107	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	50325	18.726	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	50608	18.986	ug/l	99
85) n-Butylbenzene	12.329	91	92954	18.835	ug/l	96
86) Hexachloroethane	12.536	117	16337	17.709	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	50530	18.762	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10851	18.116	ug/l	90
89) 1,2,4-Trichlorobenzene	13.585	180	27990	18.433	ug/l	97
90) Hexachlorobutadiene	13.725	225	12530	18.850	ug/l	98
91) Naphthalene	13.774	128	110789	18.702	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	29434	18.722	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

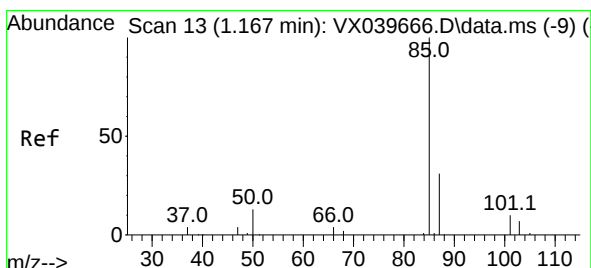
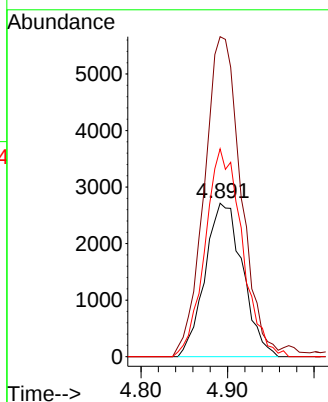
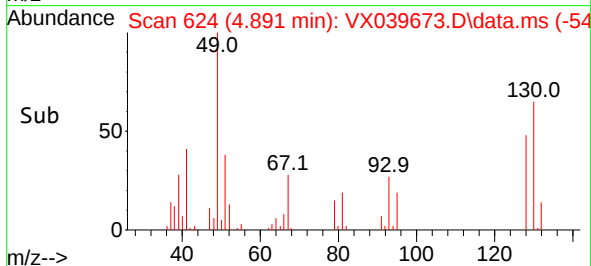
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



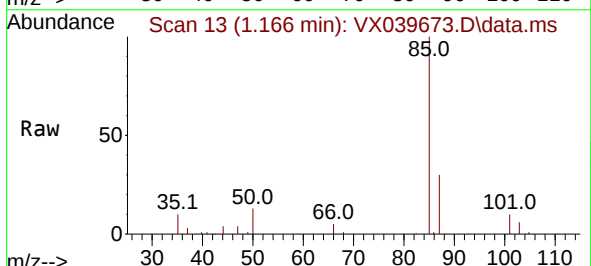
Tgt Ion:128 Resp: 818
Ion Ratio Lower Upper
128 100
49 203.5 0.0 444.0
130 133.5 0.0 297.8

Manual Integrations
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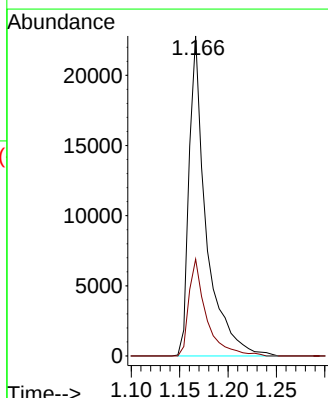
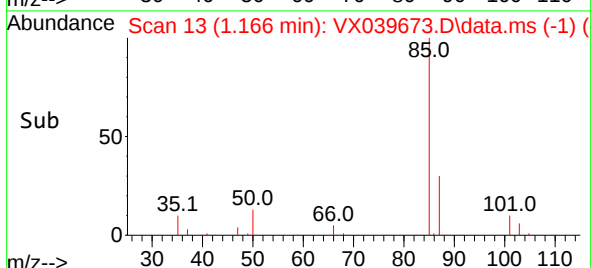
Reviewed By :John Carlone 01/10/2024
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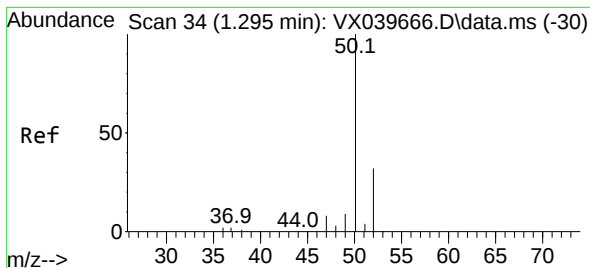


#2
Dichlorodifluoromethane
Concen: 20.233 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 85 Resp: 27979
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.1





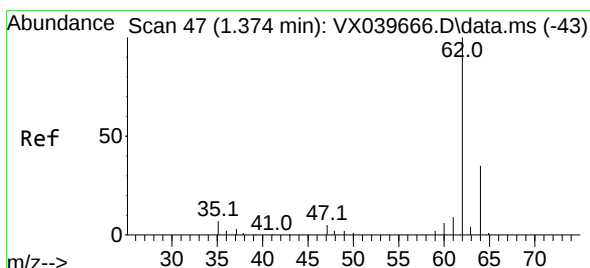
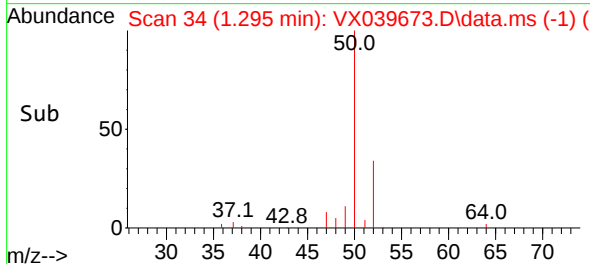
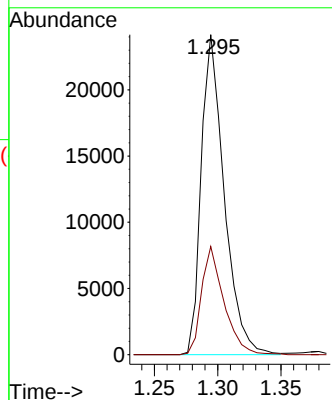
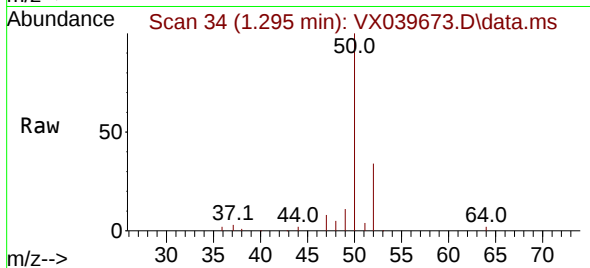
#3
Chloromethane
Concen: 19.942 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
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VSTDCCC020

Tgt Ion: 50 Resp: 3063
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.8

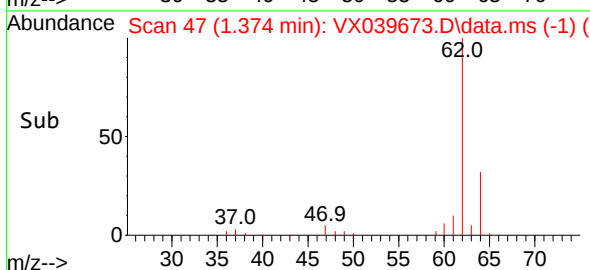
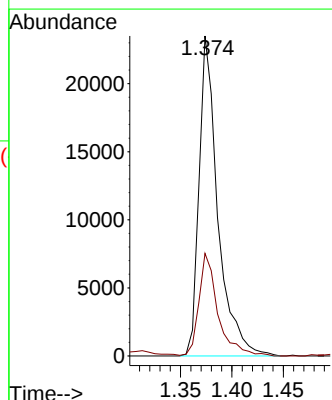
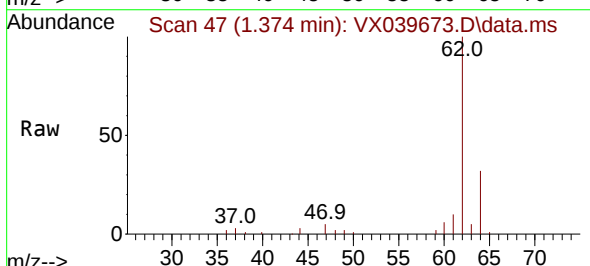
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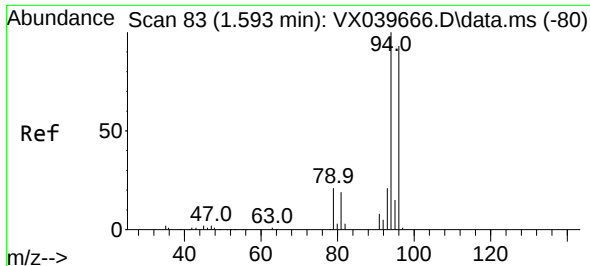
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#4
Vinyl Chloride
Concen: 19.943 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 62 Resp: 29903
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5





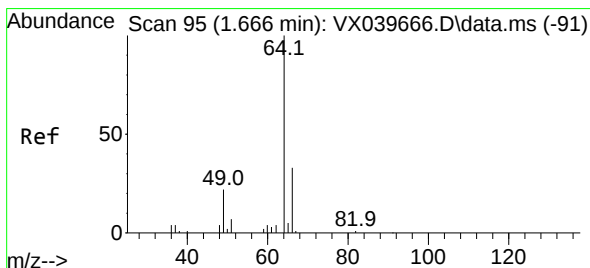
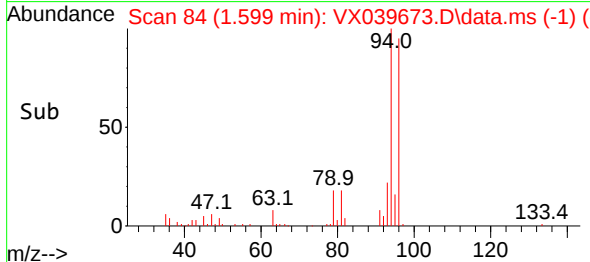
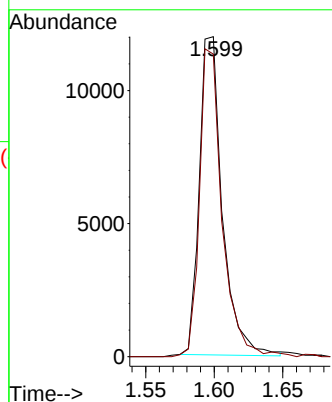
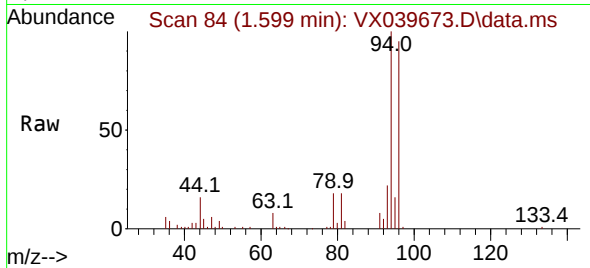
#5
Bromomethane
Concen: 19.577 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 1402
Ion Ratio Lower Upper
94 100
96 94.6 74.9 112.3

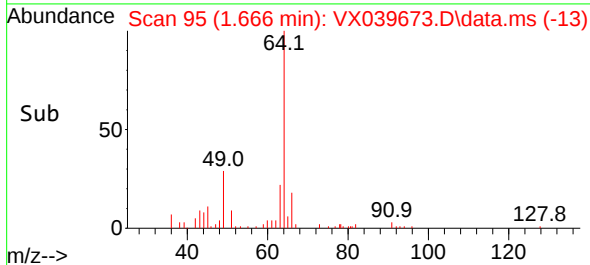
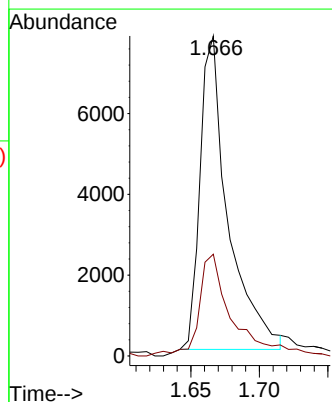
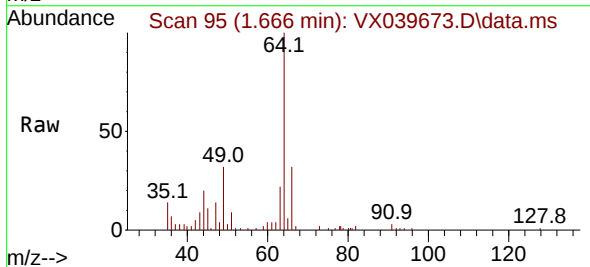
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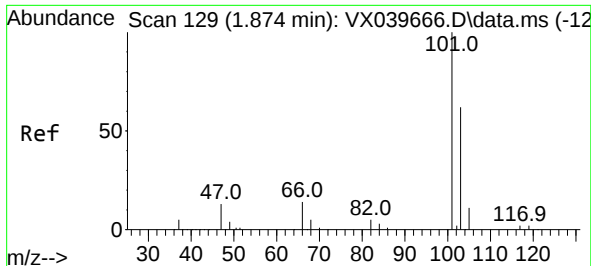
Reviewed By :John Carlone 01/10/2024
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#6
Chloroethane
Concen: 16.183 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

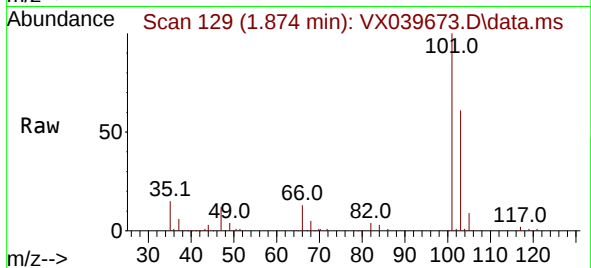
Tgt Ion: 64 Resp: 11045
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 19.766 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58

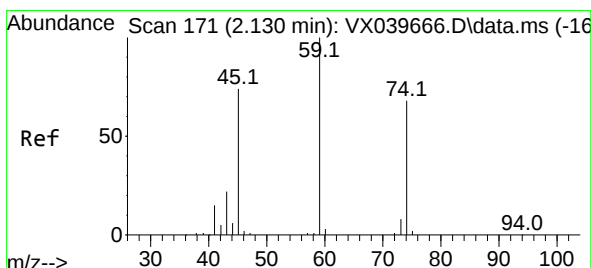
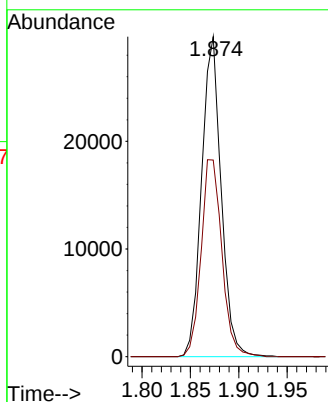
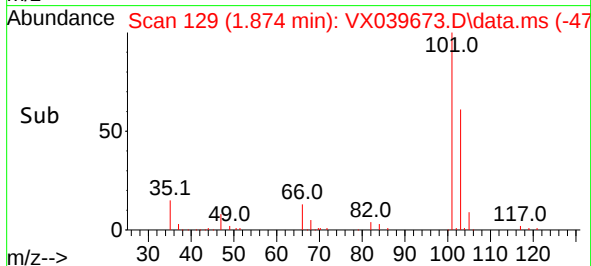
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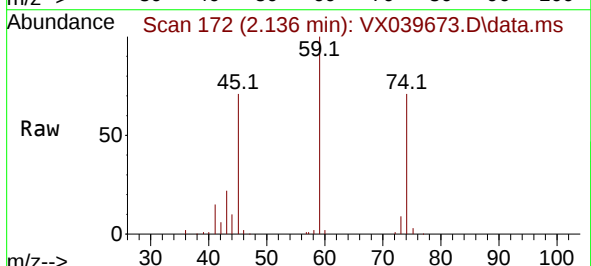
Tgt Ion:101 Resp: 41850
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.1 73.7

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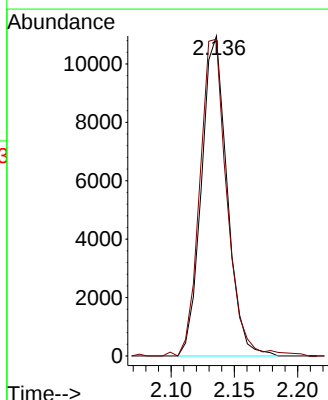
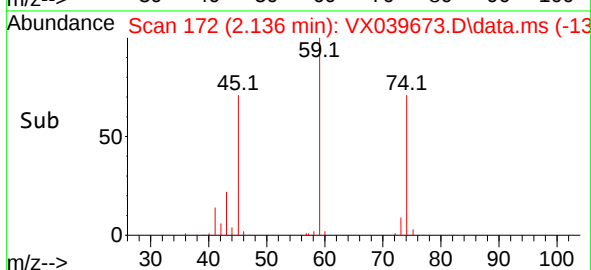
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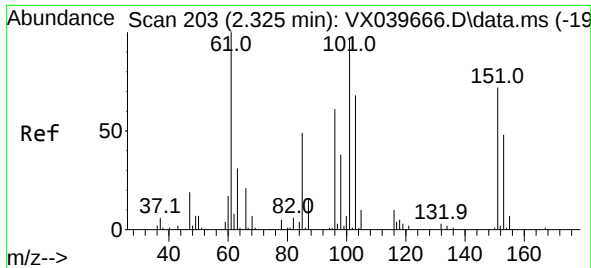


#8
 Diethyl Ether
 Concen: 19.531 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58



Tgt Ion: 74 Resp: 15473
 Ion Ratio Lower Upper
 74 100
 45 103.0 20.5 184.5





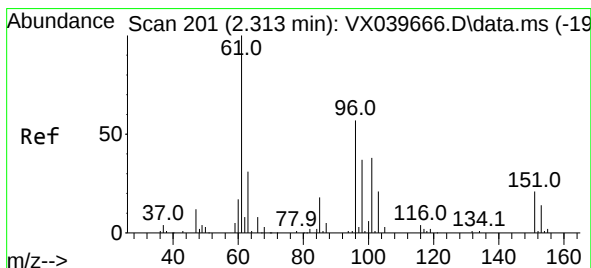
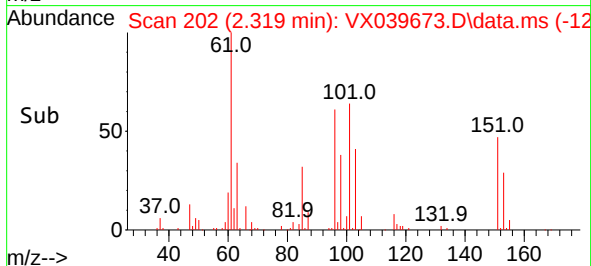
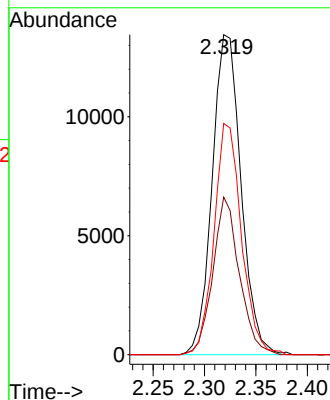
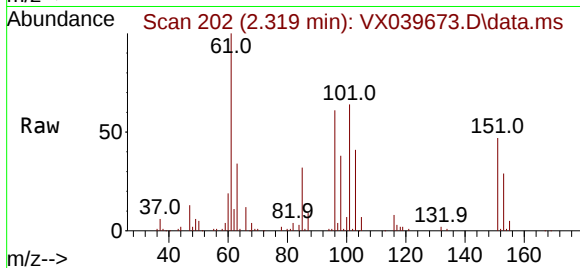
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.242 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 26250
Ion Ratio Lower Upper
101 100
85 45.3 0.0 95.2
151 68.4 0.0 136.8

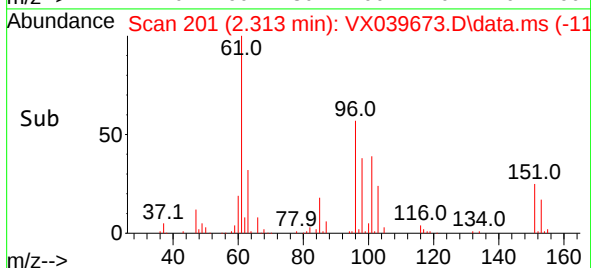
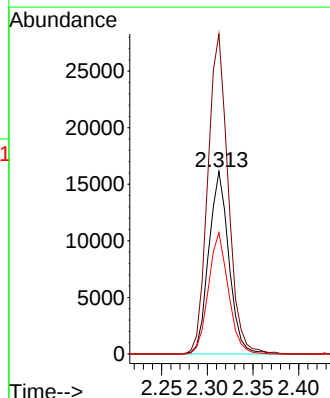
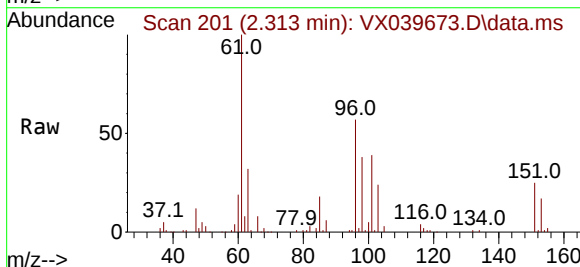
Manual Integrations
APPROVED

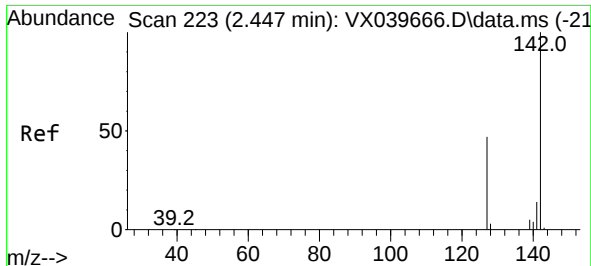
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#10
1,1-Dichloroethene
Concen: 19.835 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

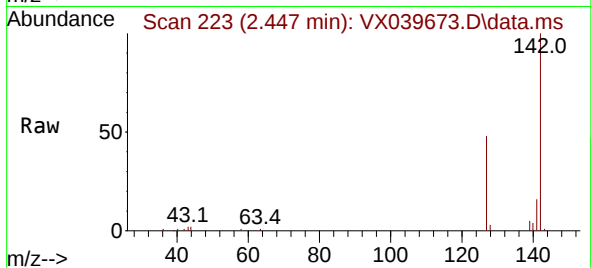
Tgt Ion: 96 Resp: 24646
Ion Ratio Lower Upper
96 100
61 175.5 138.3 207.5
98 66.5 49.8 74.6





#11
Methyl Iodide
Concen: 19.563 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

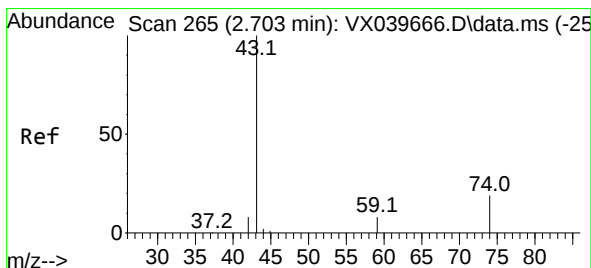
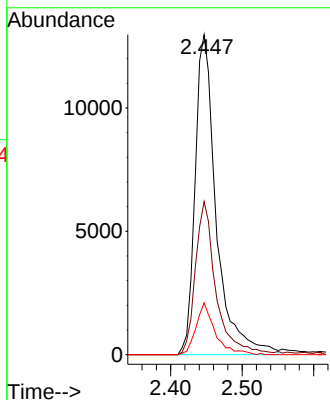
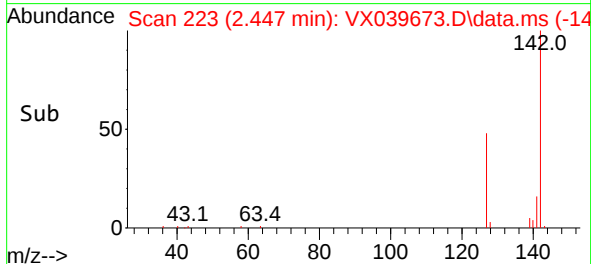
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



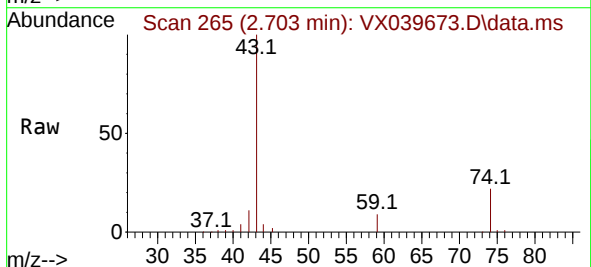
Tgt Ion:142 Resp: 2663
Ion Ratio Lower Upper
142 100
127 47.6 23.8 71.4
141 16.3 6.9 20.6

Manual Integrations
APPROVED

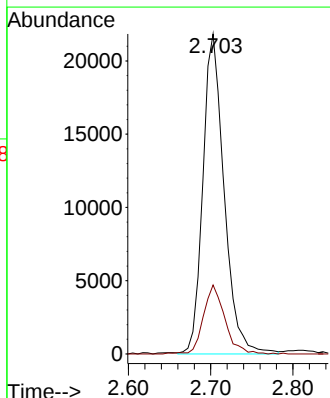
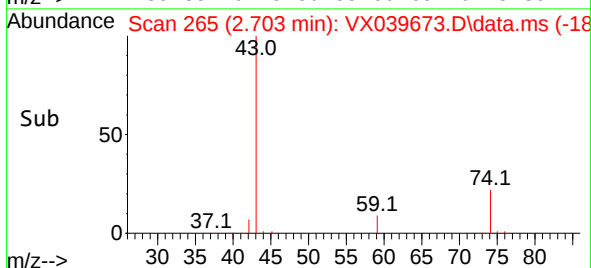
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

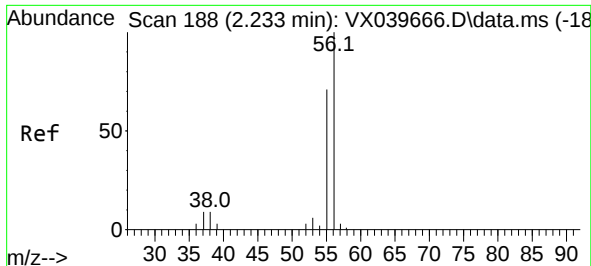


#12
Methyl Acetate
Concen: 19.614 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



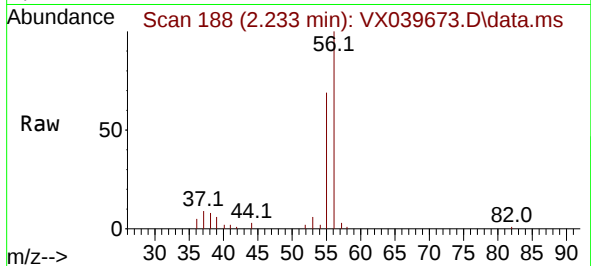
Tgt Ion: 43 Resp: 39252
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6





#13
Acrolein
Concen: 90.701 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

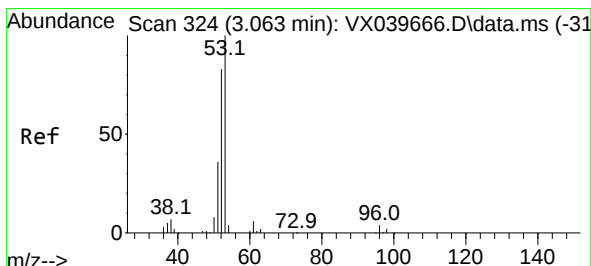
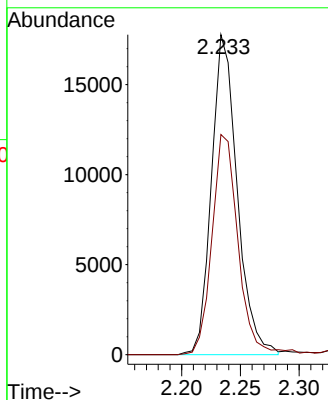
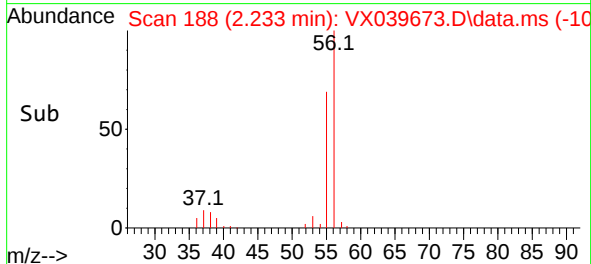
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 2708
Ion Ratio Lower Upper
56 100
55 68.8 57.2 85.8

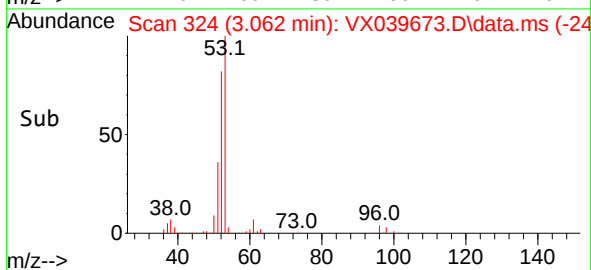
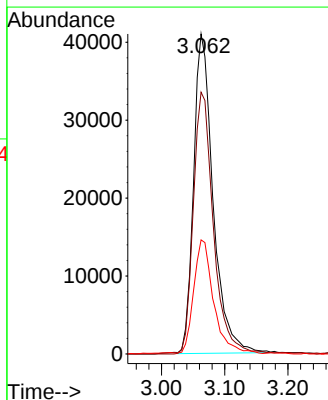
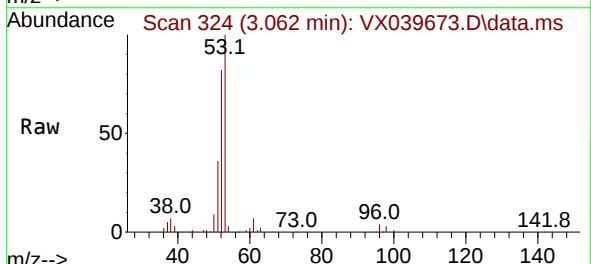
Manual Integrations
APPROVED

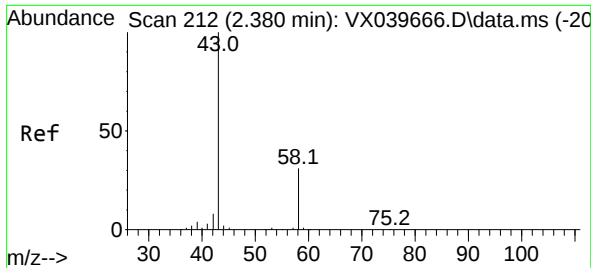
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#14
Acrylonitrile
Concen: 95.891 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

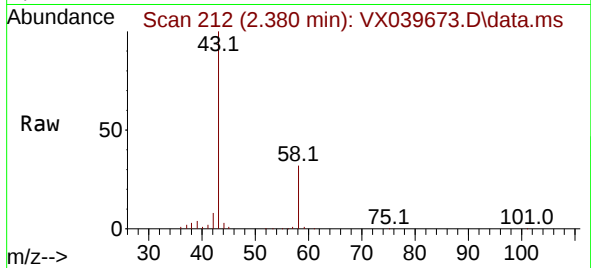
Tgt Ion: 53 Resp: 88001
Ion Ratio Lower Upper
53 100
52 83.8 41.9 125.6
51 36.7 18.3 54.9





#15
Acetone
Concen: 102.722 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

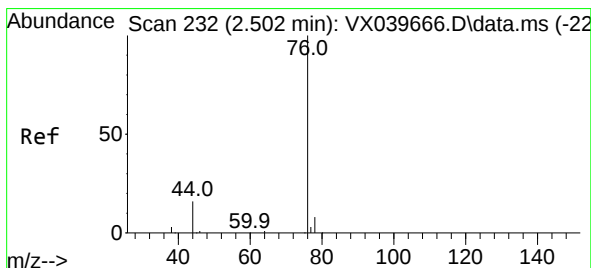
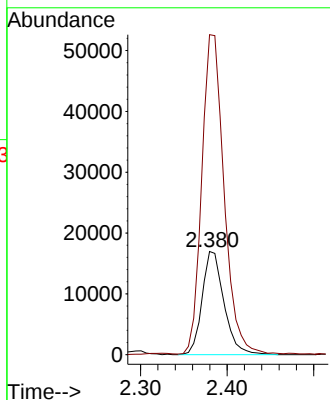
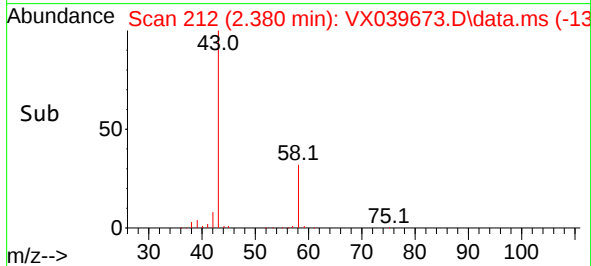
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 29735
Ion Ratio Lower Upper
58 100
43 309.6 249.9 374.9

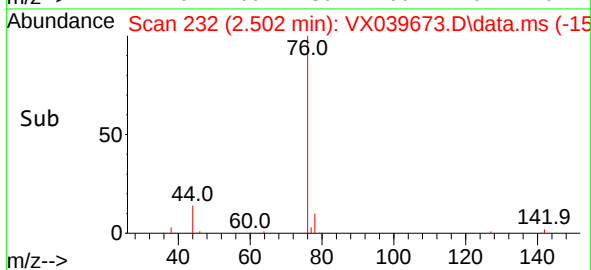
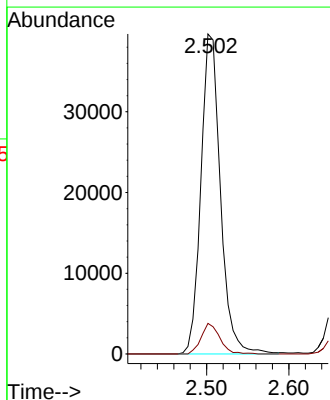
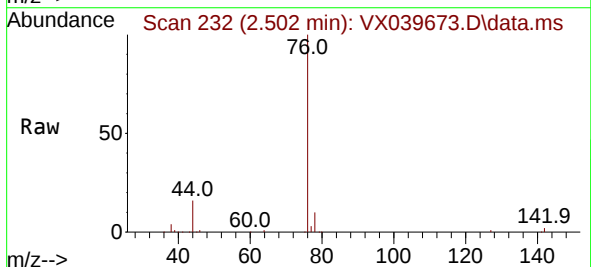
Manual Integrations
APPROVED

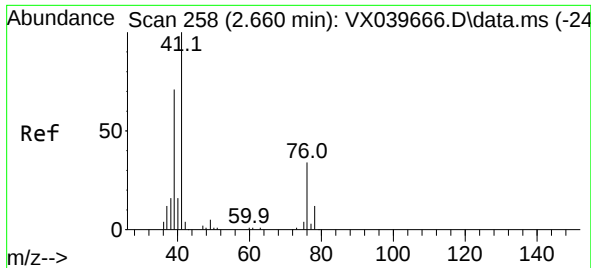
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#16
Carbon Disulfide
Concen: 19.540 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

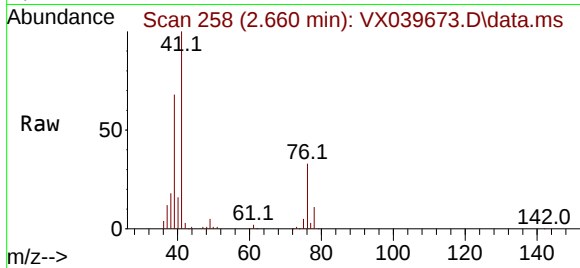
Tgt Ion: 76 Resp: 65458
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 19.772 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58

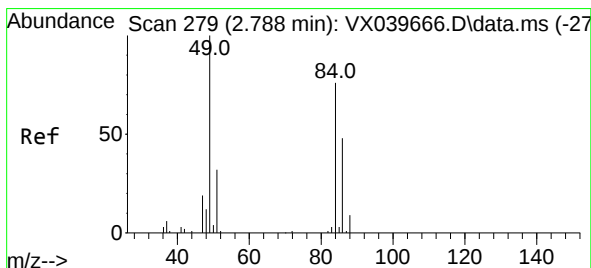
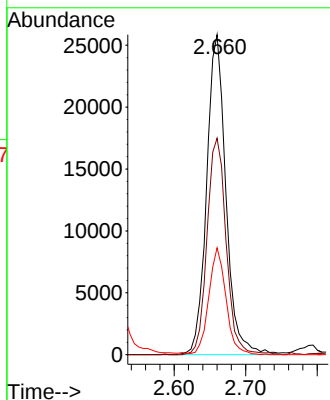
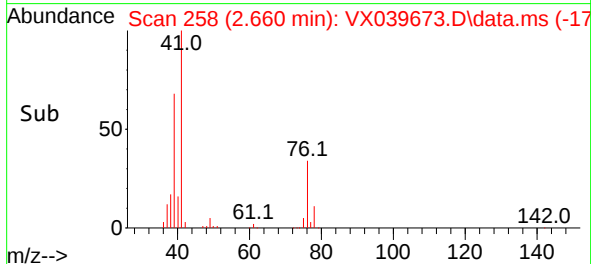
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 4844
 Ion Ratio Lower Upper
 41 100
 39 67.6 36.5 109.5
 76 33.4 19.7 59.0

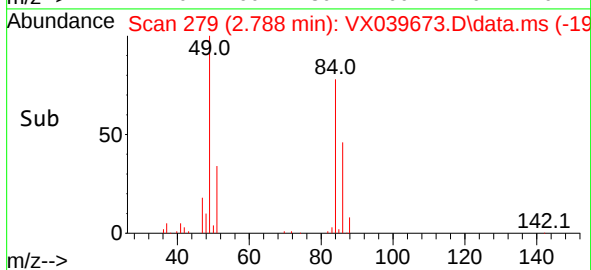
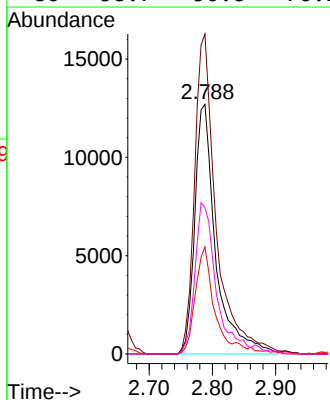
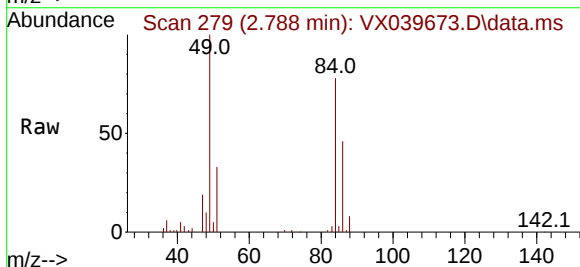
Manual Integrations
 APPROVED

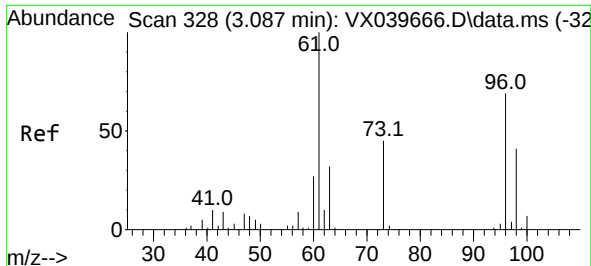
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#18
 Methylene Chloride
 Concen: 20.265 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58

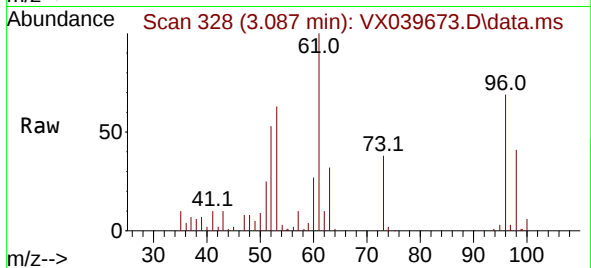
Tgt Ion: 84 Resp: 29436
 Ion Ratio Lower Upper
 84 100
 49 128.2 103.8 155.8
 51 42.9 31.8 47.6
 86 58.7 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 20.182 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

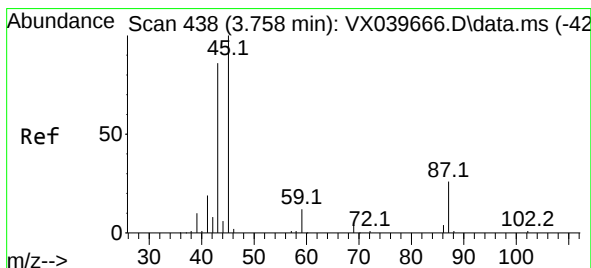
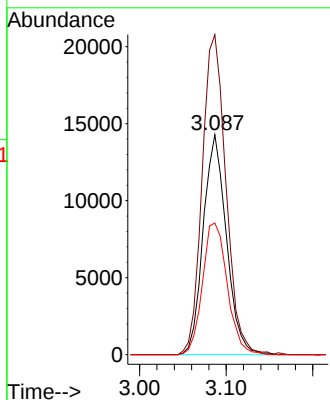
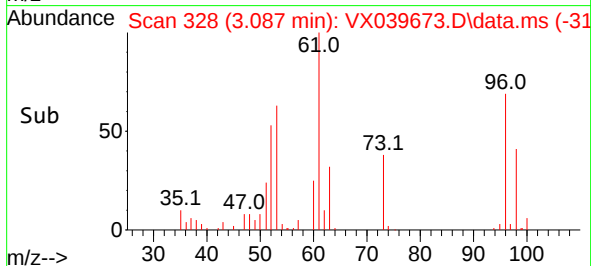
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 26610
Ion Ratio Lower Upper
96 100
61 145.4 117.9 176.9
98 59.9 51.0 76.6

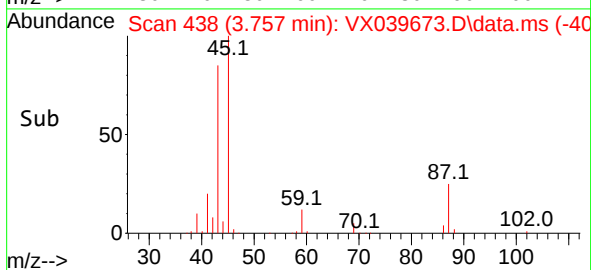
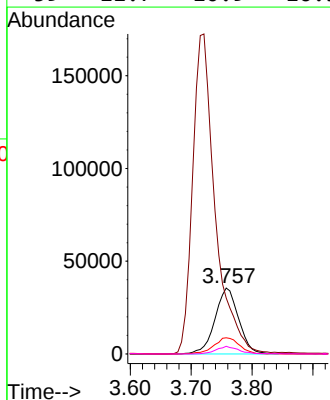
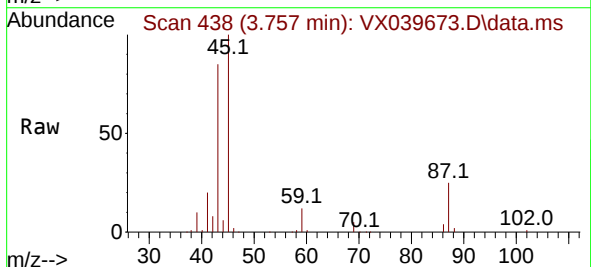
Manual Integrations
APPROVED

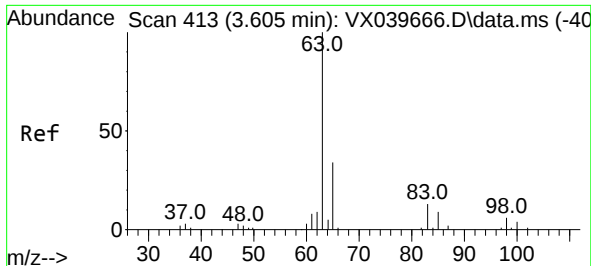
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#20
Diisopropyl ether
Concen: 20.015 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 45 Resp: 95726
Ion Ratio Lower Upper
45 100
43 82.8 67.7 101.5
87 24.5 21.5 32.3
59 11.7 10.9 16.3





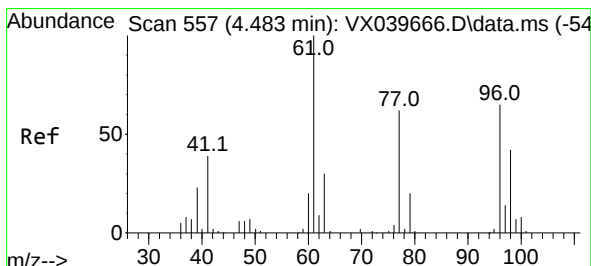
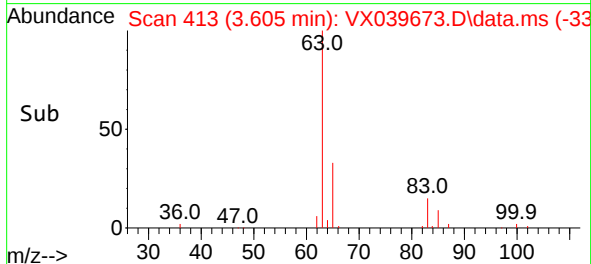
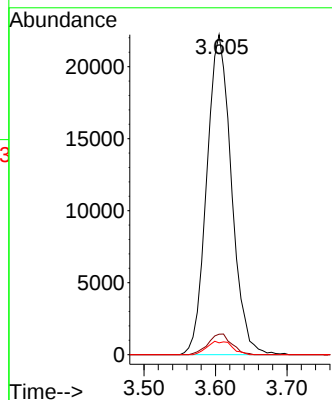
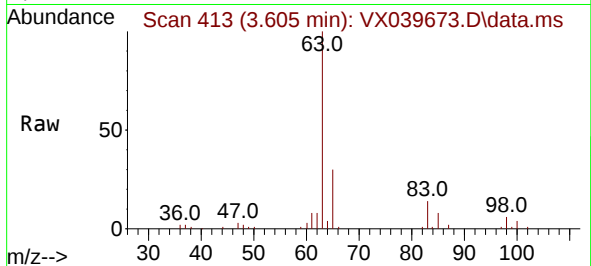
#21
1,1-Dichloroethane
Concen: 19.937 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 53240
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 3.7 2.0 5.8

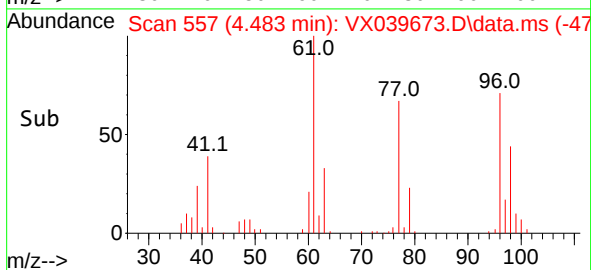
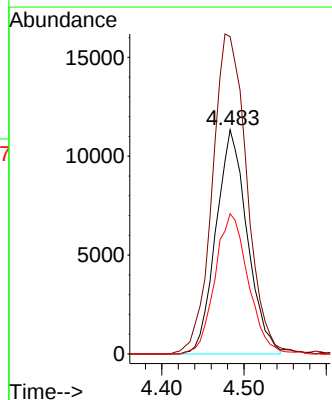
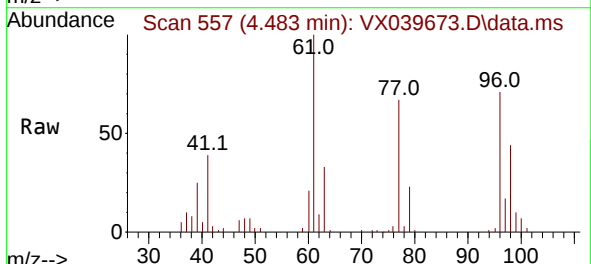
Manual Integrations
APPROVED

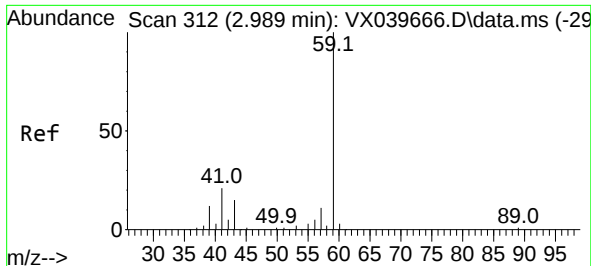
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#22
cis-1,2-Dichloroethene
Concen: 19.477 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

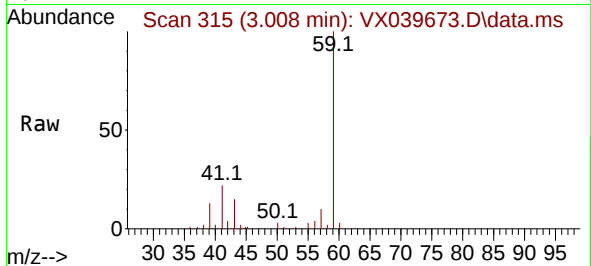
Tgt Ion: 96 Resp: 30017
Ion Ratio Lower Upper
96 100
61 157.3 119.8 179.6
98 66.2 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 102.900 ug/l
RT: 3.008 min Scan# 312
Delta R.T. 0.019 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

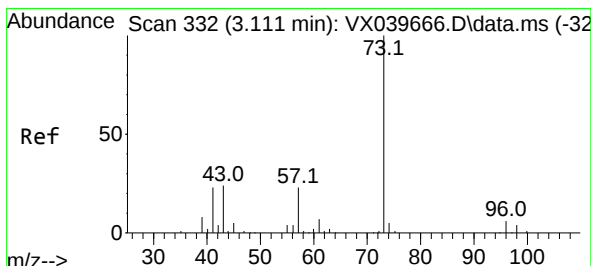
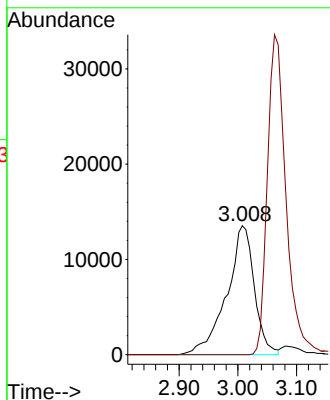
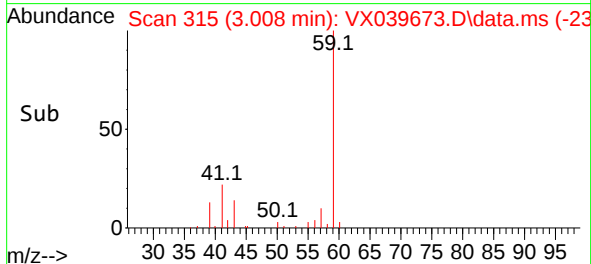
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 44230
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

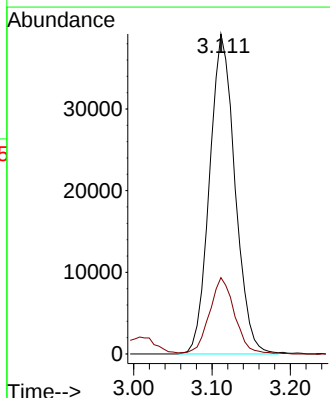
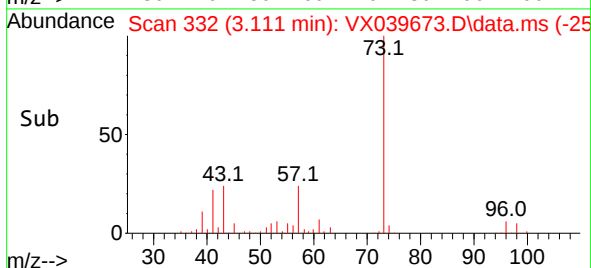
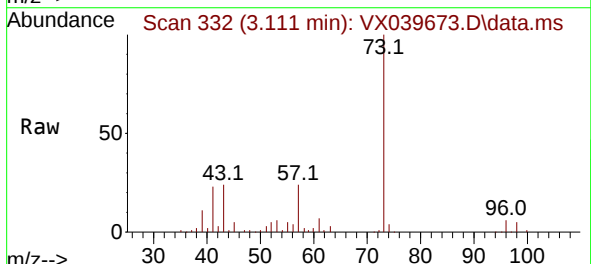
Manual Integrations
APPROVED

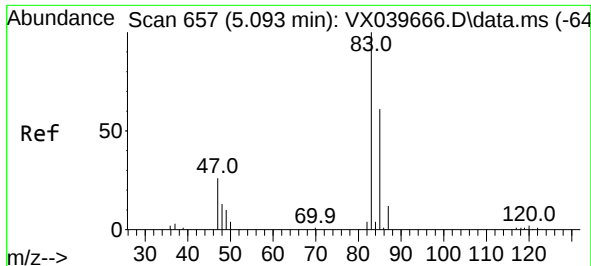
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#24
Methyl tert-Butyl Ether
Concen: 19.443 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 73 Resp: 88548
Ion Ratio Lower Upper
73 100
43 23.7 17.0 25.6





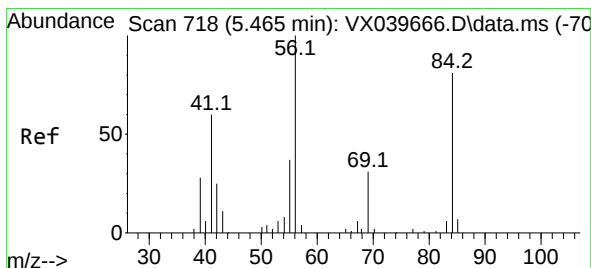
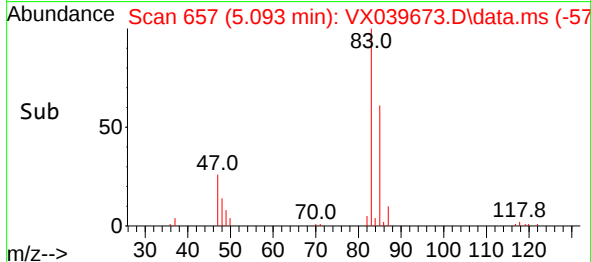
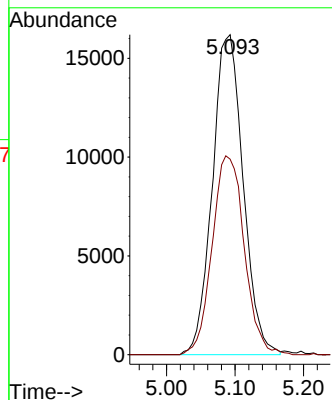
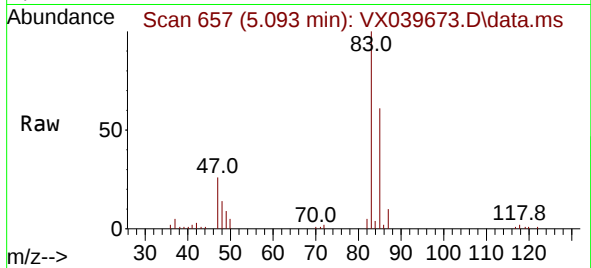
#25
Chloroform
Concen: 19.301 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5058
Ion Ratio Lower Upper
83 100
85 61.1 54.6 81.8

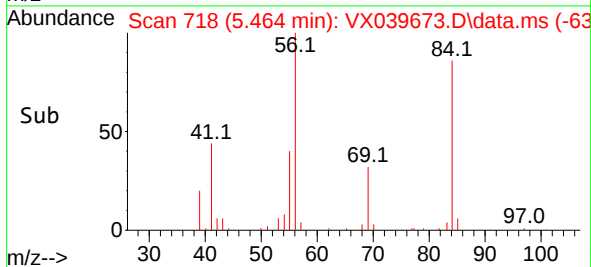
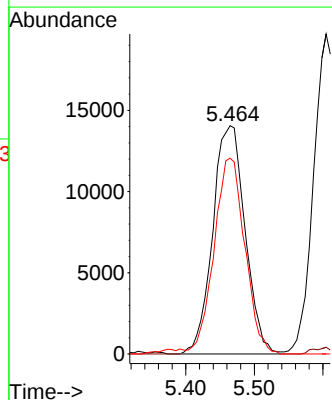
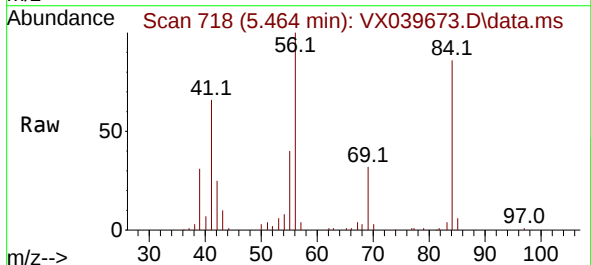
Manual Integrations
APPROVED

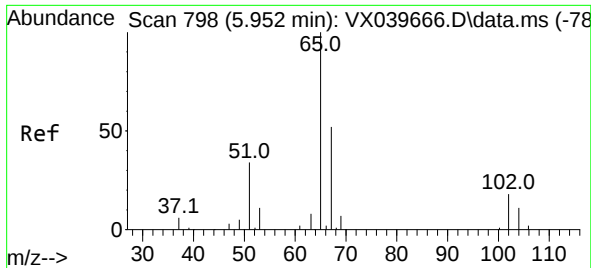
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#26
Cyclohexane
Concen: 19.872 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 56 Resp: 46035
Ion Ratio Lower Upper
56 100
89 0.7 0.0 0.0#
84 81.7 67.2 100.8





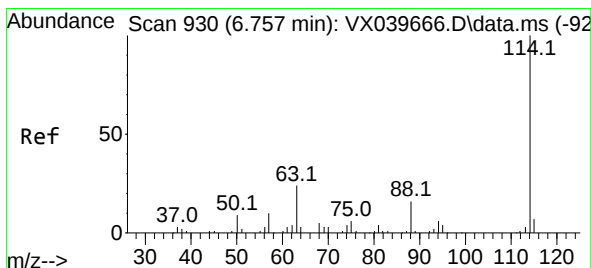
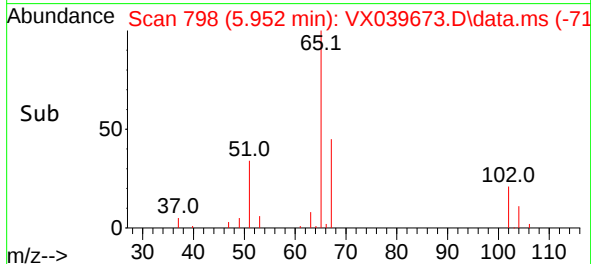
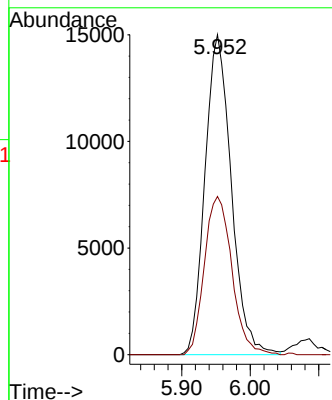
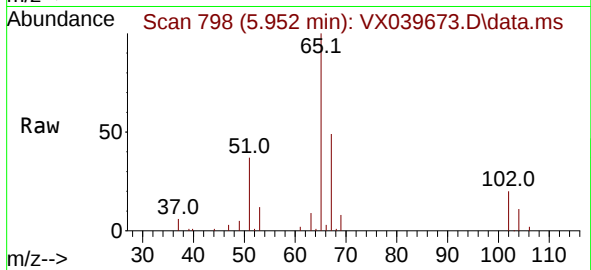
#27
1,2-Dichloroethane-d4
Concen: 31.223 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 40064
Ion Ratio Lower Upper
65 100
67 51.7 42.5 63.7

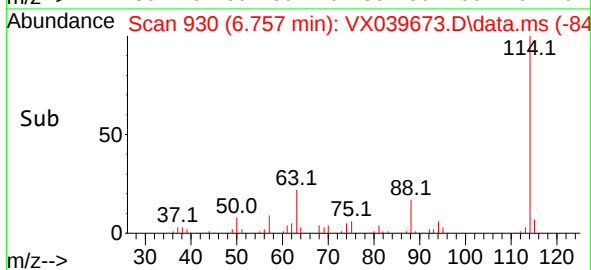
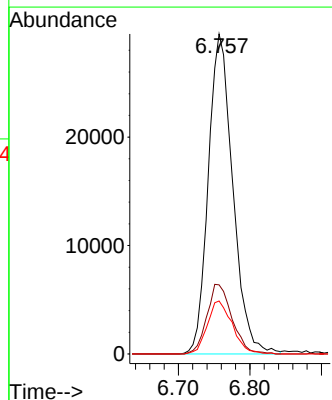
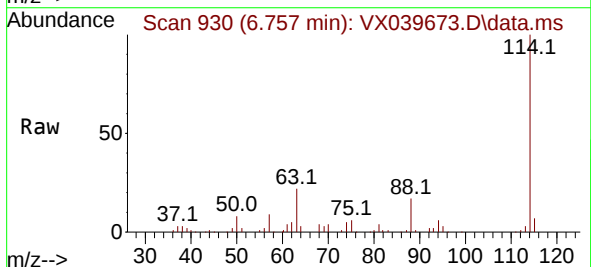
Manual Integrations
APPROVED

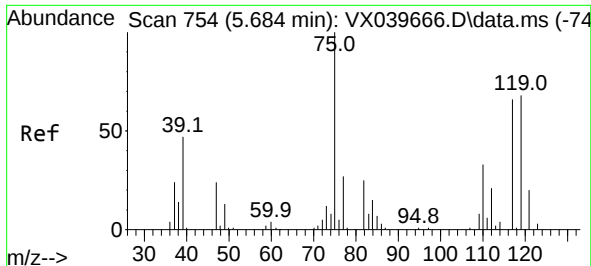
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion:114 Resp: 70305
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 16.9 12.7 19.1





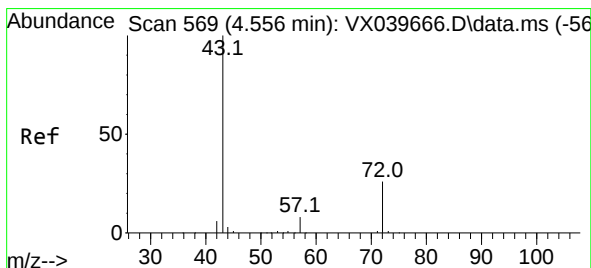
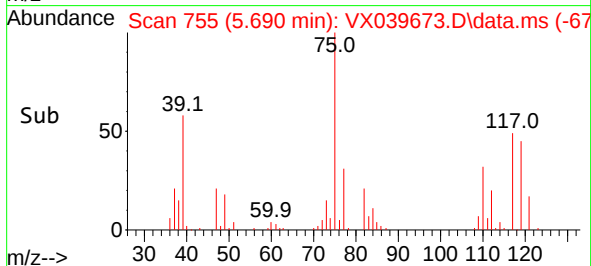
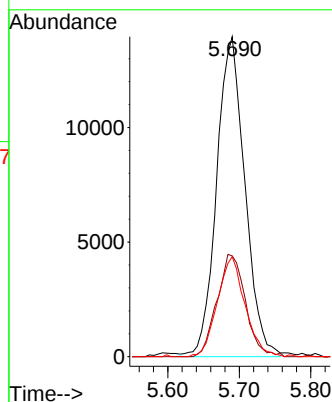
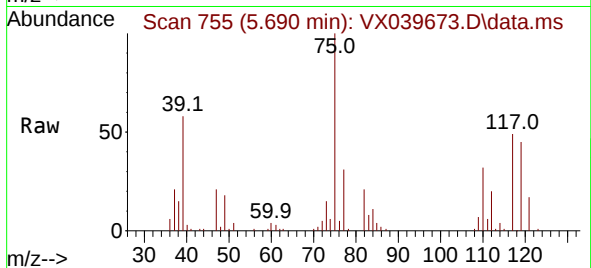
#29
1,1-Dichloropropene
Concen: 18.993 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 38319
Ion Ratio Lower Upper
75 100
110 32.0 0.0 71.2
77 30.5 0.0 62.6

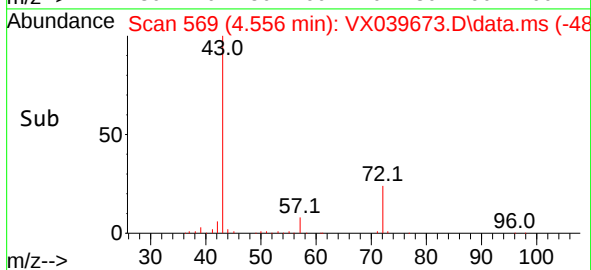
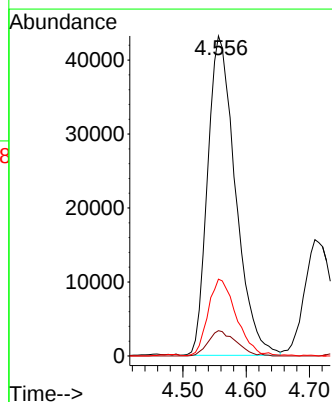
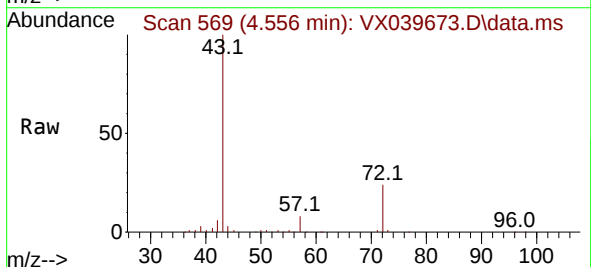
Manual Integrations
APPROVED

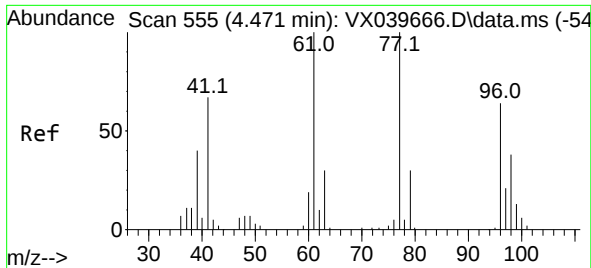
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#30
2-Butanone
Concen: 91.093 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

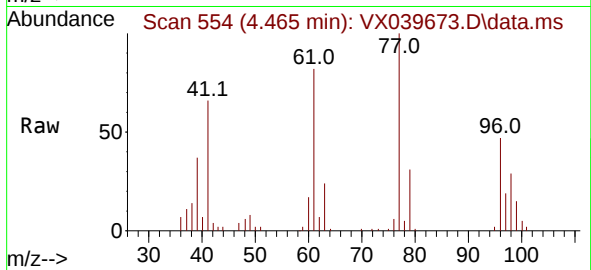
Tgt Ion: 43 Resp: 131814
Ion Ratio Lower Upper
43 100
57 7.8 6.6 10.0
72 23.9 20.6 31.0





#31
2,2-Dichloropropane
Concen: 18.326 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

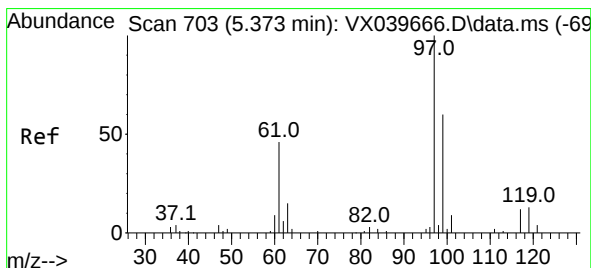
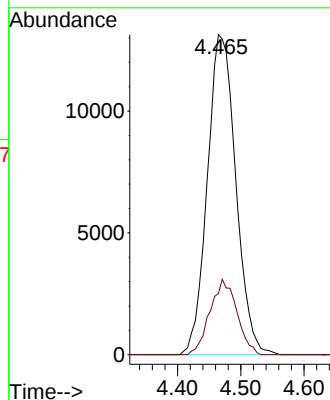
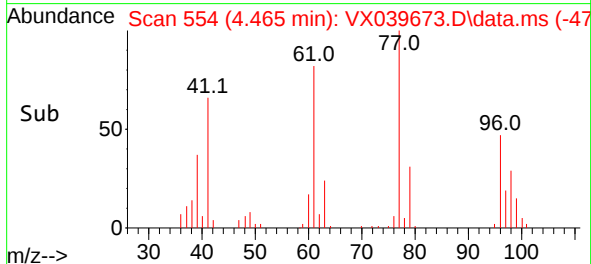
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



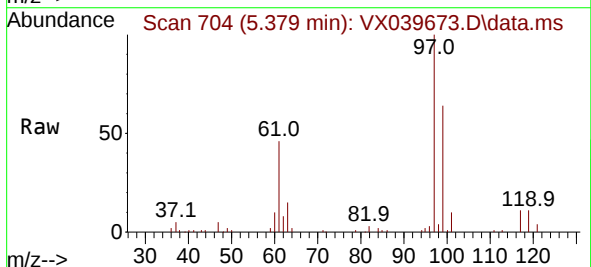
Tgt Ion: 77 Resp: 41108
Ion Ratio Lower Upper
77 100
97 22.1 18.2 27.4

Manual Integrations
APPROVED

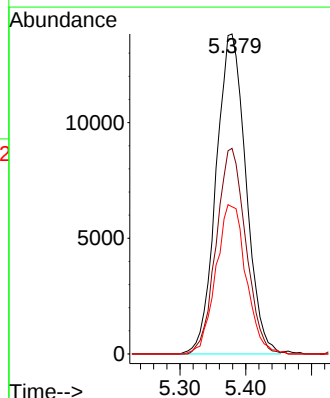
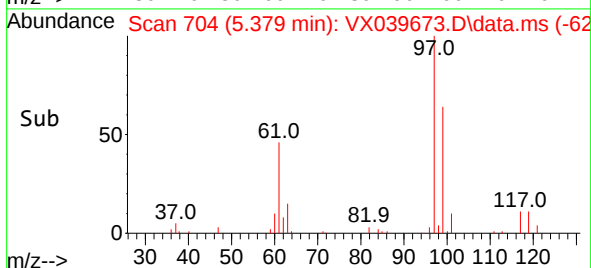
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

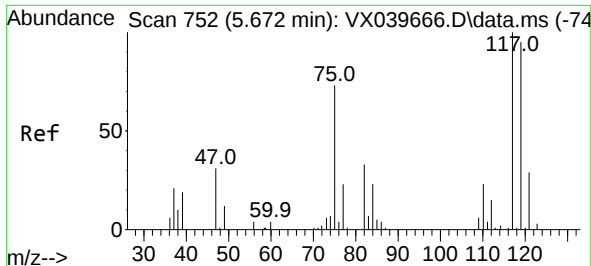


#32
1,1,1-Trichloroethane
Concen: 18.665 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



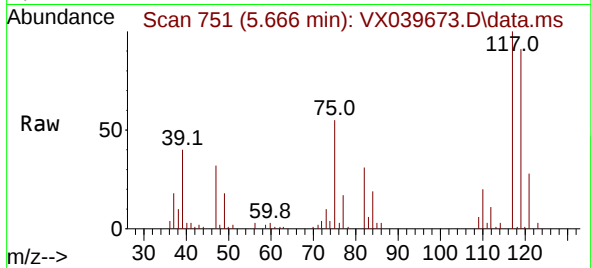
Tgt Ion: 97 Resp: 43523
Ion Ratio Lower Upper
97 100
99 63.7 52.6 79.0
61 47.4 36.9 55.3





#33
Carbon Tetrachloride
Concen: 18.446 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

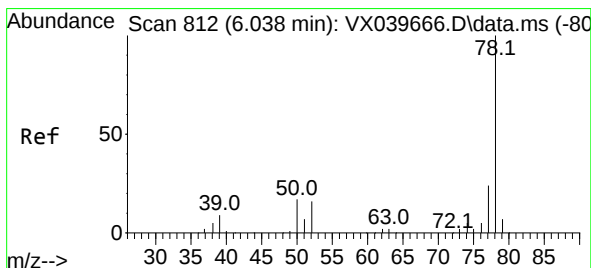
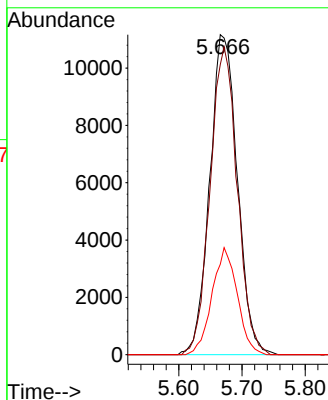
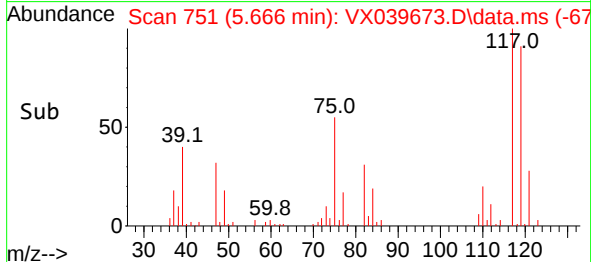
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



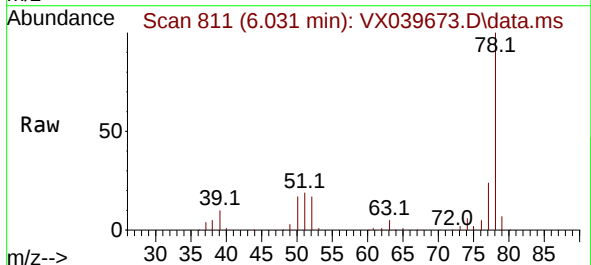
Tgt Ion: 117 Resp: 33909
Ion Ratio Lower Upper
117 100
119 90.6 78.2 117.4
121 28.2 24.7 37.1

Manual Integrations
APPROVED

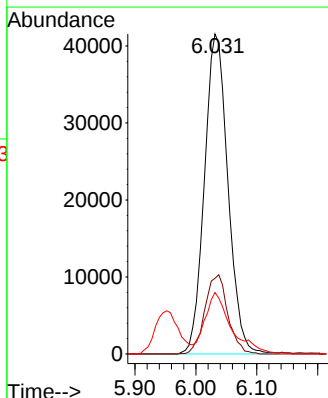
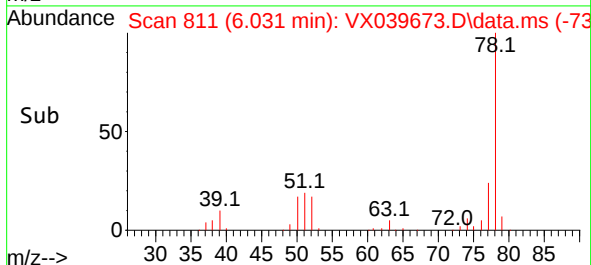
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

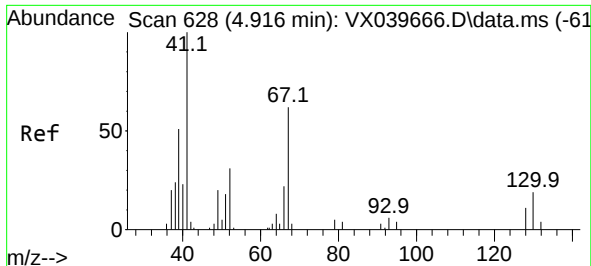


#34
Benzene
Concen: 18.643 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 78 Resp: 111581
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 18.9 14.4 21.6





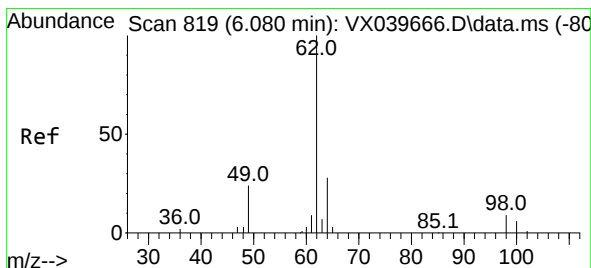
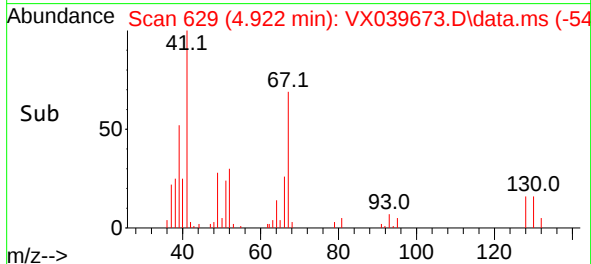
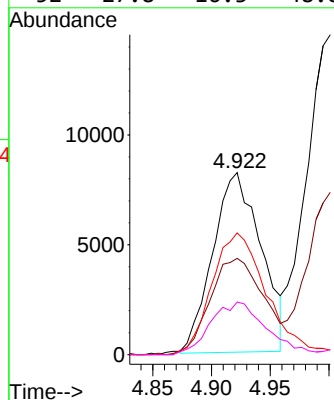
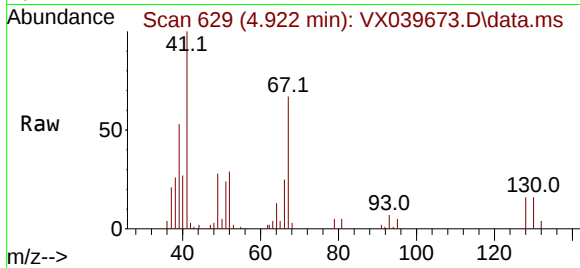
#35
Methacrylonitrile
Concen: 16.814 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41	Resp: 2341
Ion Ratio	Lower Upper
41 100	
39 52.0	28.2 84.7
67 65.8	34.5 103.5
52 27.8	16.3 48.8

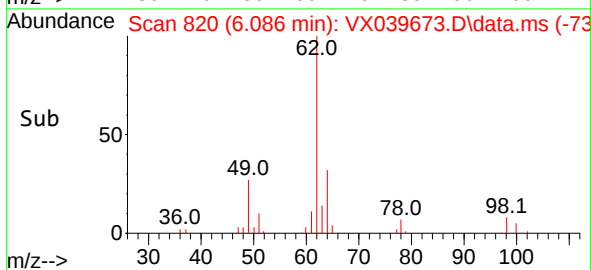
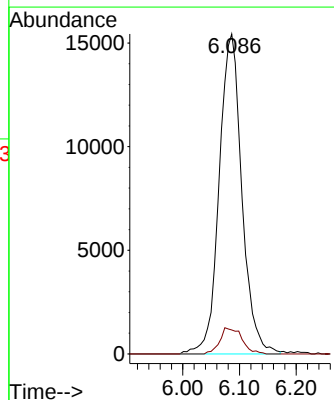
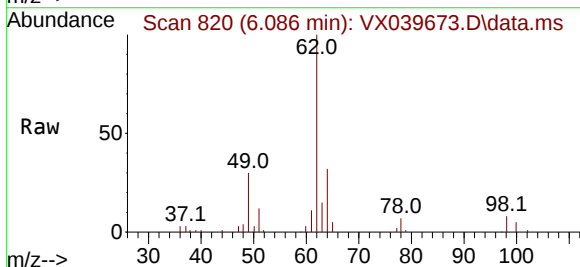
Manual Integrations
APPROVED

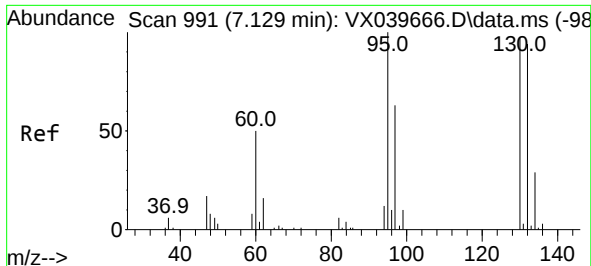
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#36
1,2-Dichloroethane
Concen: 18.297 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

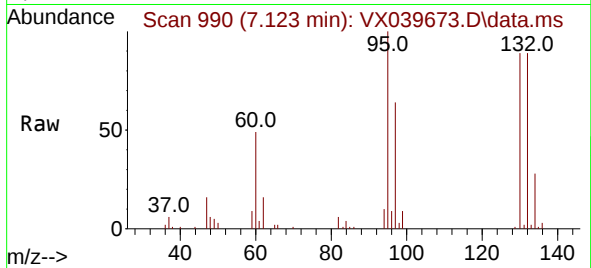
Tgt Ion: 62	Resp: 42943
Ion Ratio	Lower Upper
62 100	
98 5.5	7.0 10.4#





#37
Trichloroethene
Concen: 18.712 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

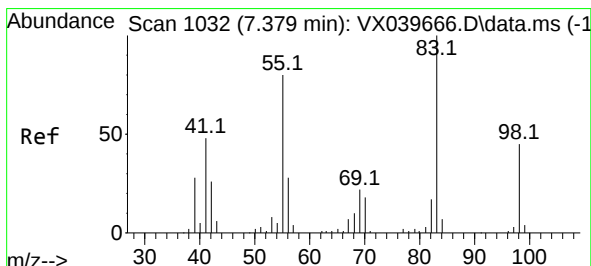
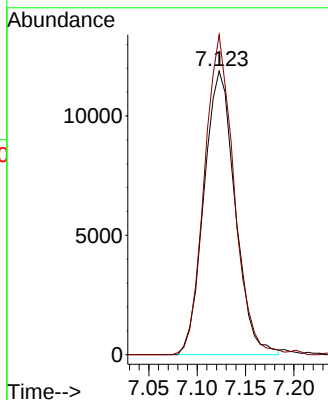
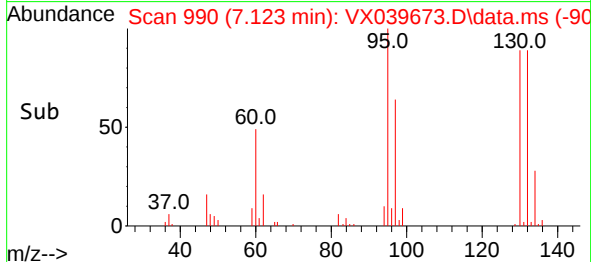
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



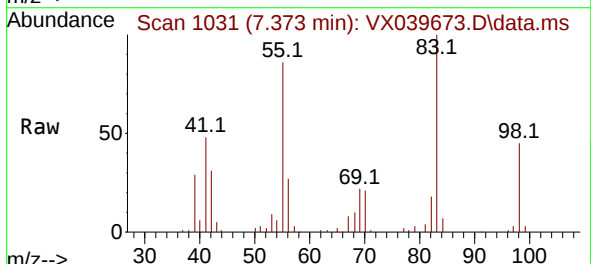
Tgt Ion:130 Resp: 26608
Ion Ratio Lower Upper
130 100
95 112.1 85.8 128.8

Manual Integrations
APPROVED

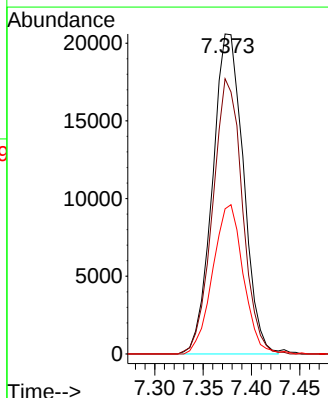
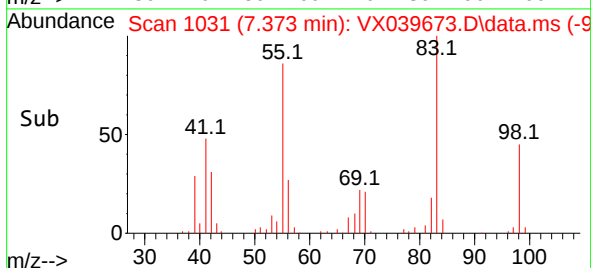
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

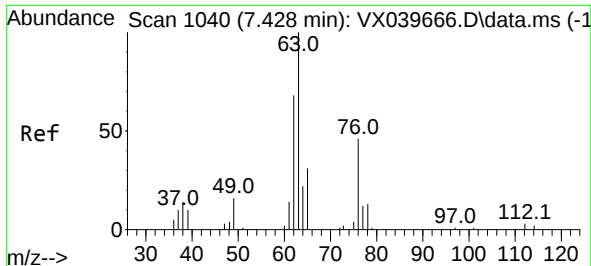


#38
Methylcyclohexane
Concen: 18.560 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 83 Resp: 45815
Ion Ratio Lower Upper
83 100
55 82.6 38.6 116.0
98 45.9 22.3 66.8





#39

1,2-Dichloropropane

Concen: 18.345 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 29584

Ion Ratio Lower Upper

63 100

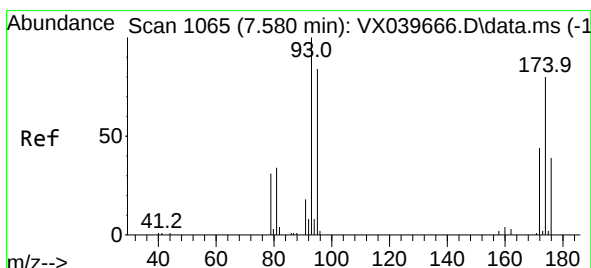
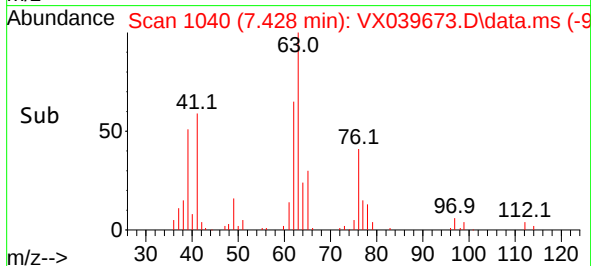
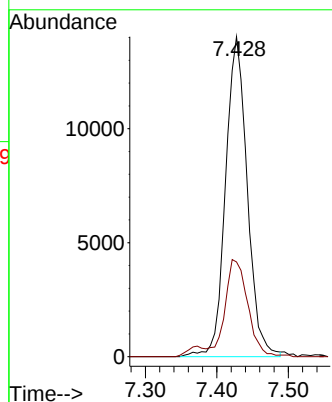
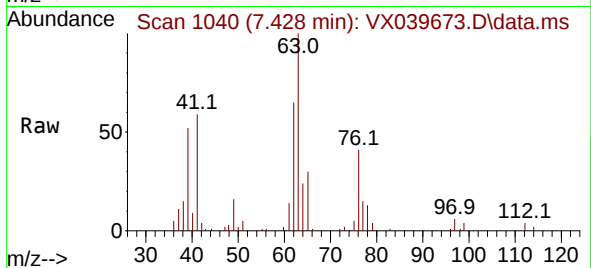
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#40

Dibromomethane

Concen: 18.677 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

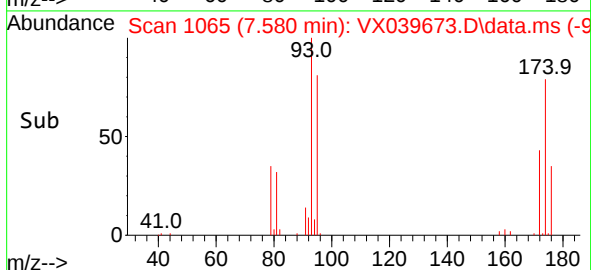
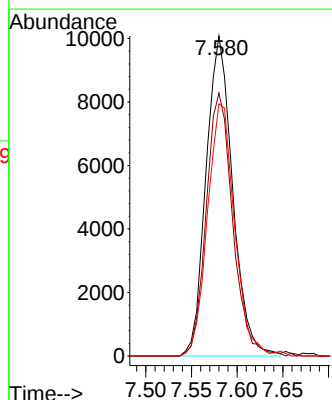
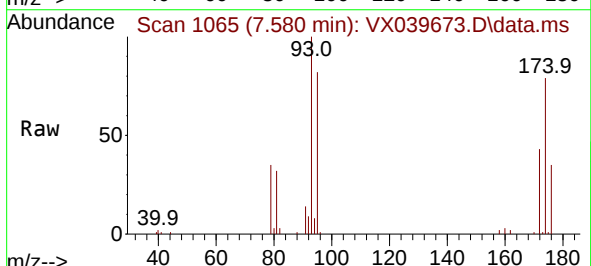
Tgt Ion: 93 Resp: 20345

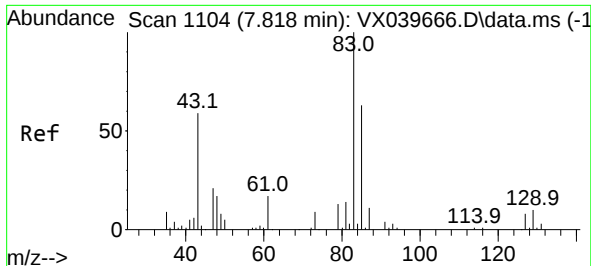
Ion Ratio Lower Upper

93 100

95 81.9 0.0 163.4

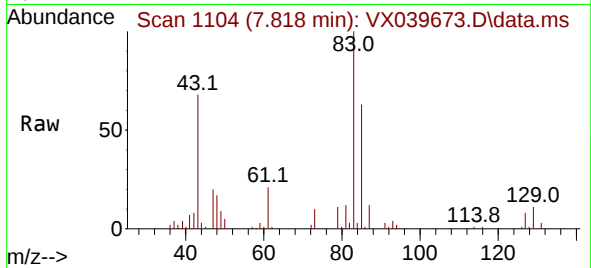
174 80.0 0.0 166.4





#41
Bromodichloromethane
Concen: 18.263 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

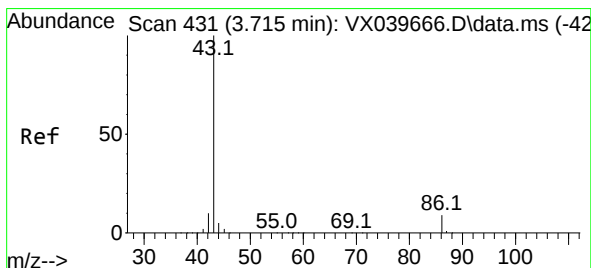
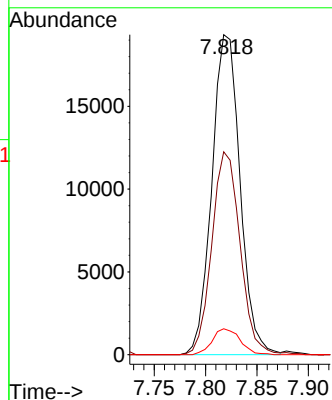
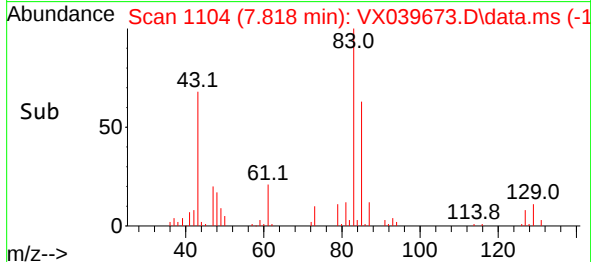
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 36864
Ion Ratio Lower Upper
83 100
85 63.4 50.8 76.2
127 8.1 5.9 8.9

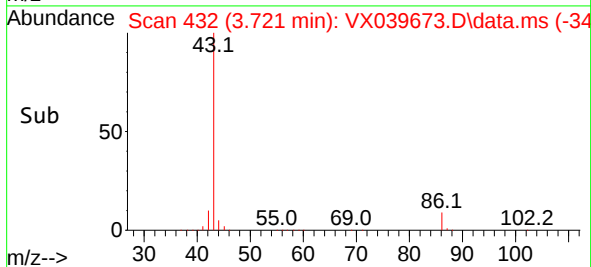
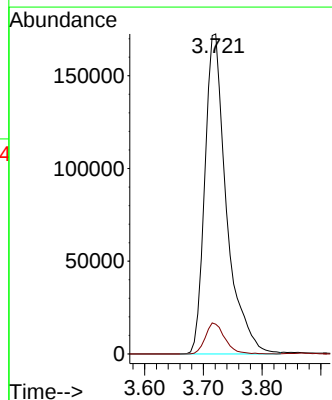
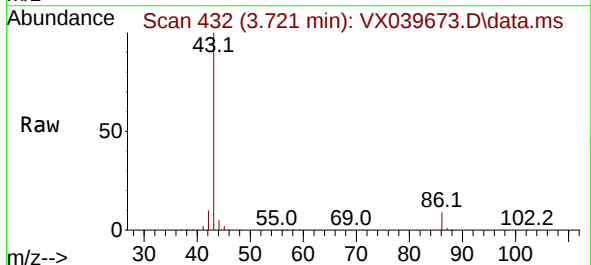
Manual Integrations
APPROVED

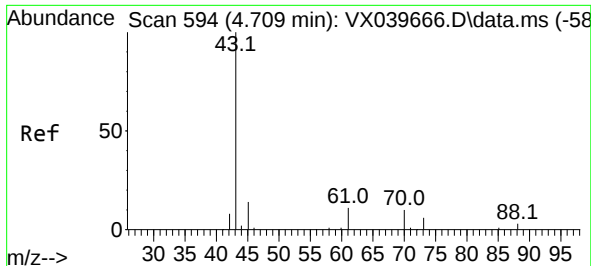
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#42
Vinyl Acetate
Concen: 92.372 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

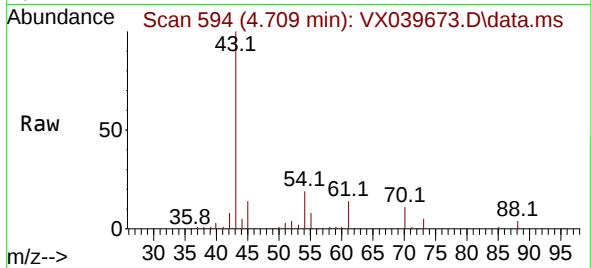
Tgt Ion: 43 Resp: 441948
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 17.160 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

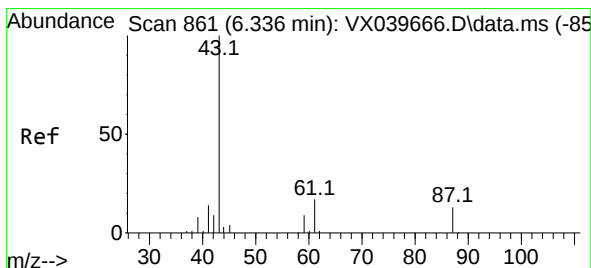
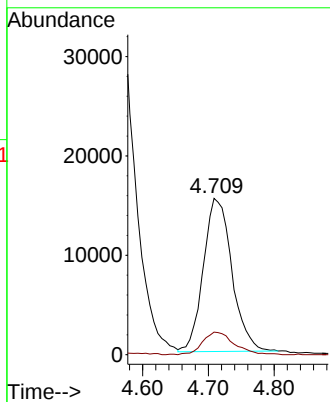
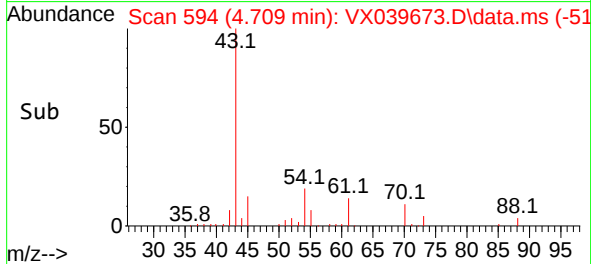
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



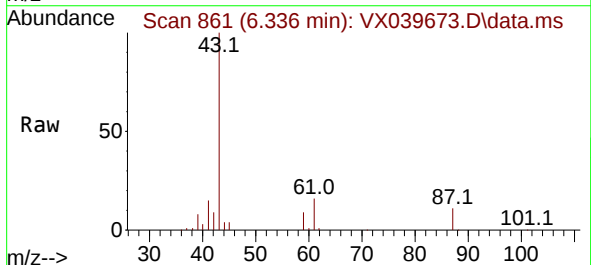
Tgt Ion: 43 Resp: 4654
Ion Ratio Lower Upper
43 100
45 16.1 11.8 17.8

Manual Integrations
APPROVED

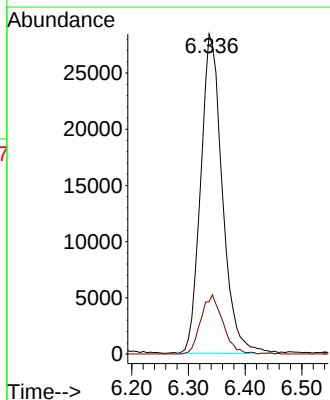
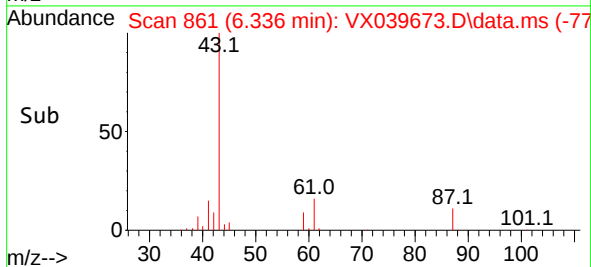
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

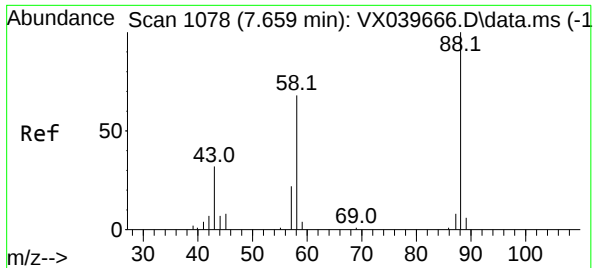


#44
Isopropyl Acetate
Concen: 17.991 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 43 Resp: 75435
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4





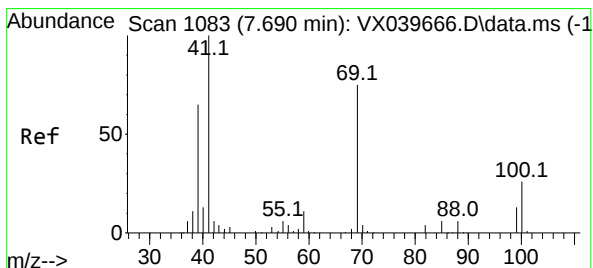
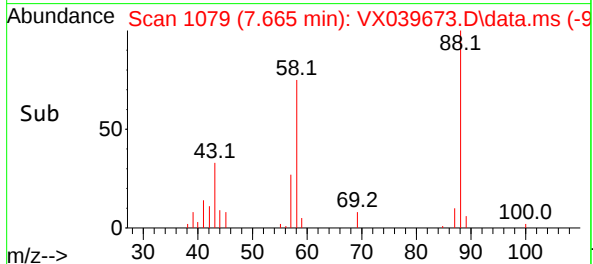
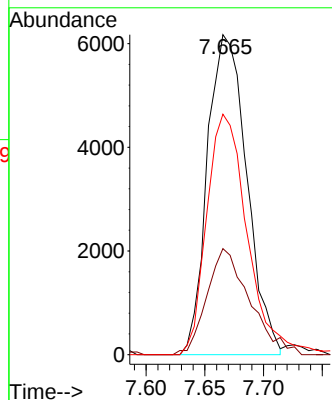
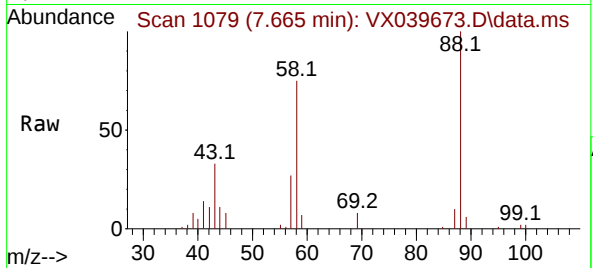
#45
1,4-Dioxane
Concen: 355.998 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1439
Ion Ratio Lower Upper
88 100
43 35.9 28.1 42.1
58 77.7 57.7 86.5

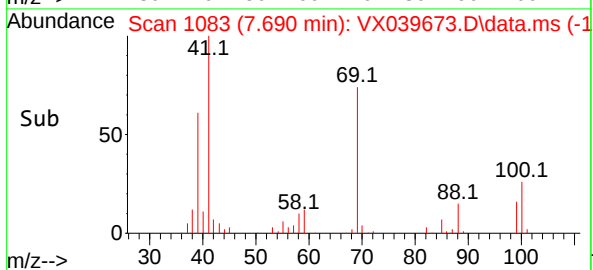
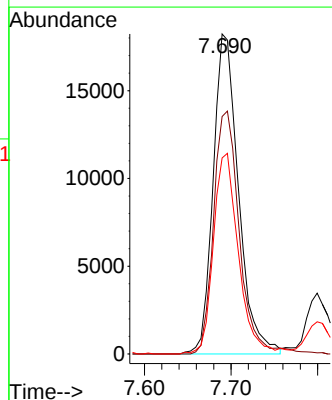
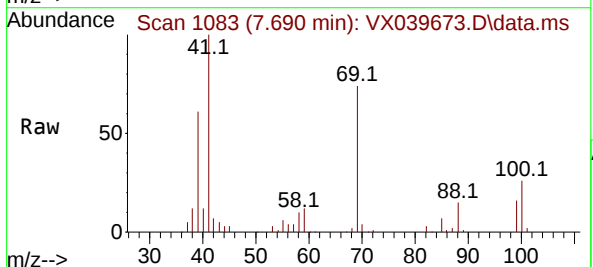
Manual Integrations
APPROVED

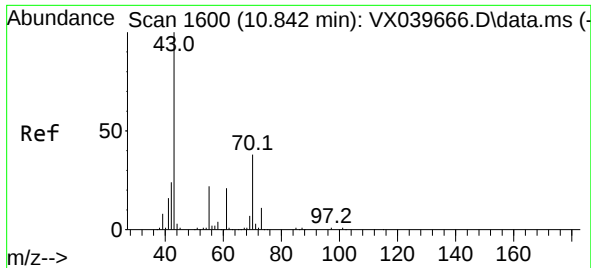
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#46
Methyl methacrylate
Concen: 18.407 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

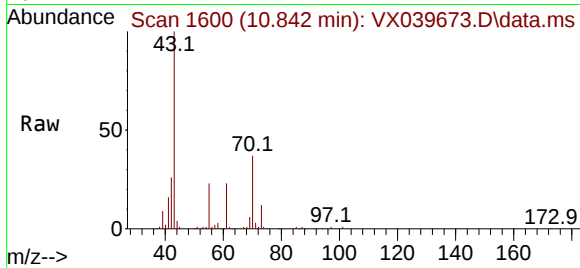
Tgt Ion: 41 Resp: 37067
Ion Ratio Lower Upper
41 100
69 74.2 39.6 118.8
39 61.2 30.1 90.3





#47
n-amy1 Acetate
Concen: 17.642 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

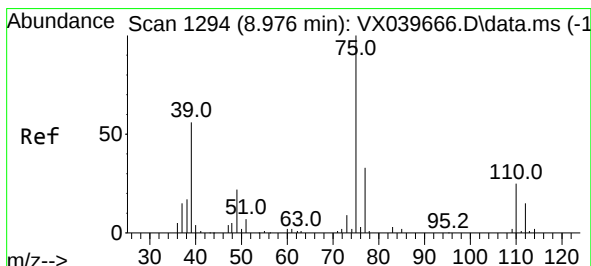
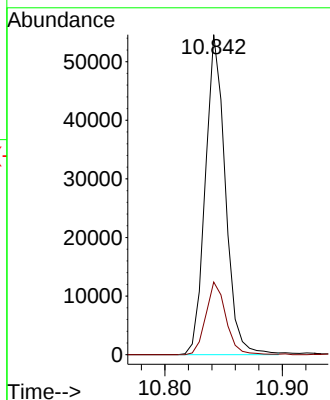
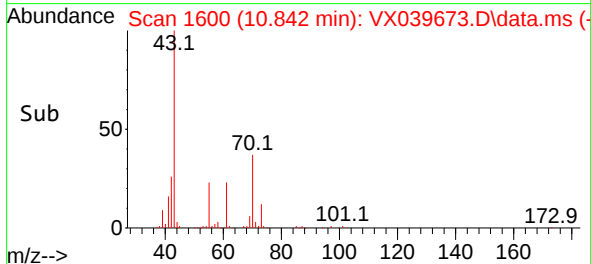
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 64600
Ion Ratio Lower Upper
43 100
55 22.7 18.2 27.2

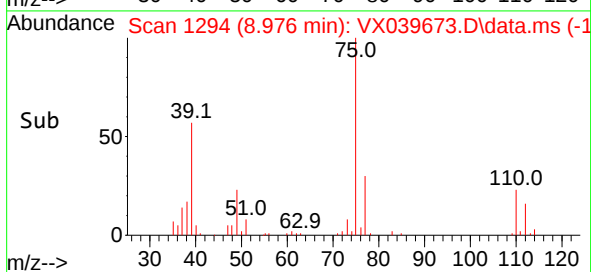
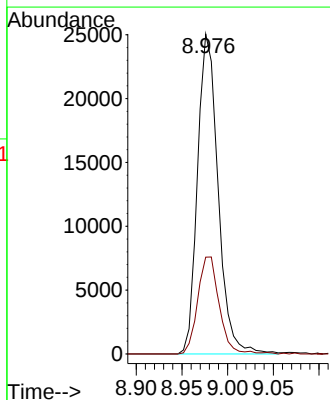
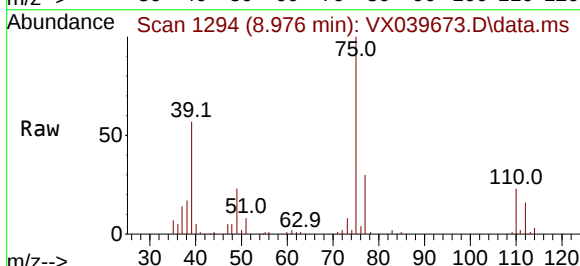
Manual Integrations
APPROVED

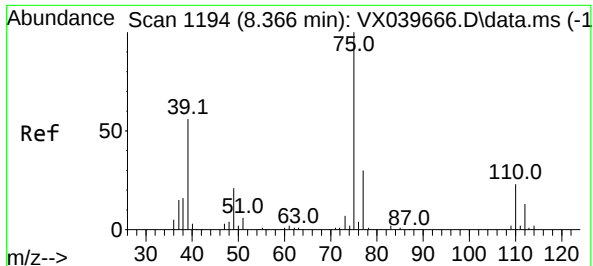
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#48
t-1,3-Dichloropropene
Concen: 18.073 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 75 Resp: 39264
Ion Ratio Lower Upper
75 100
77 30.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.223 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 43358

Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6

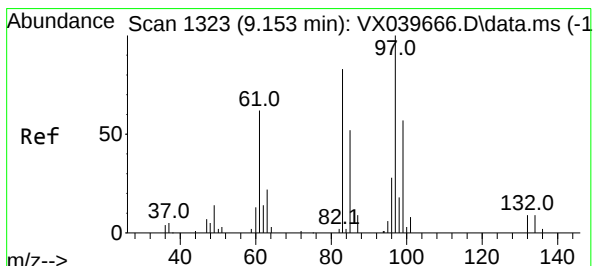
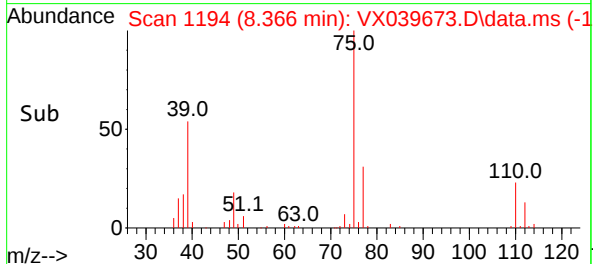
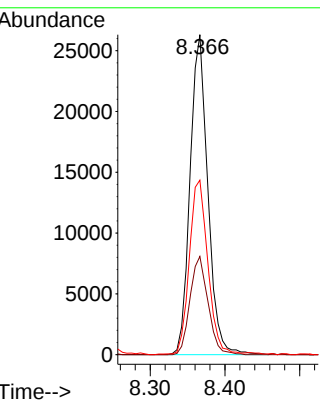
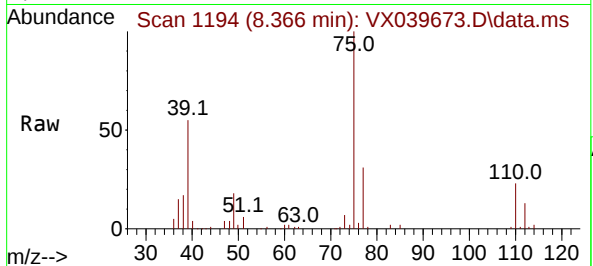
39 54.3 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#50

1,1,2-Trichloroethane

Concen: 18.900 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Tgt Ion: 97 Resp: 28221

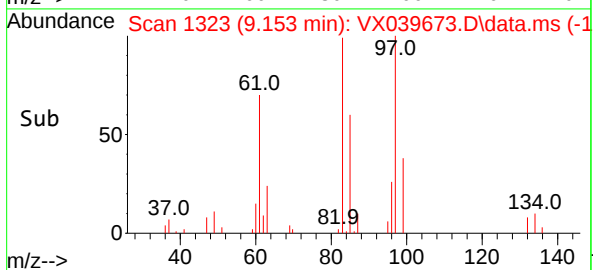
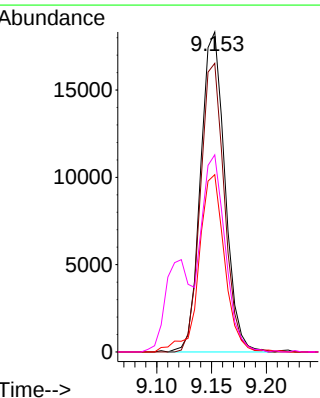
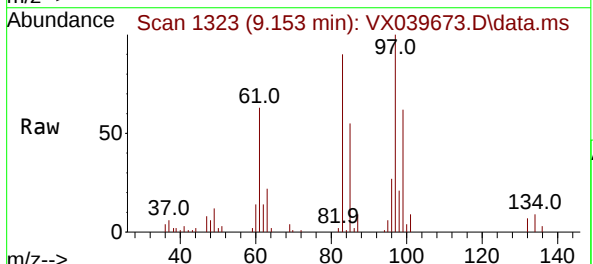
Ion Ratio Lower Upper

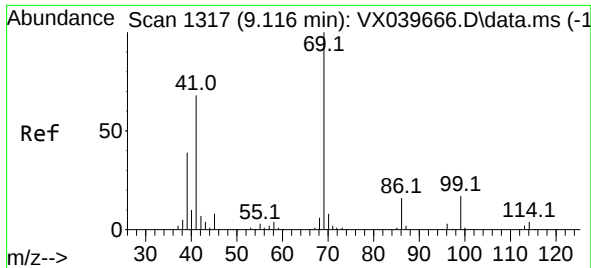
97 100

83 90.2 69.0 103.6

85 54.8 46.3 69.5

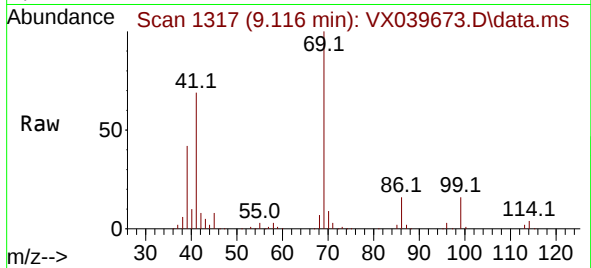
99 61.6 50.9 76.3





#51
Ethyl methacrylate
Concen: 18.108 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

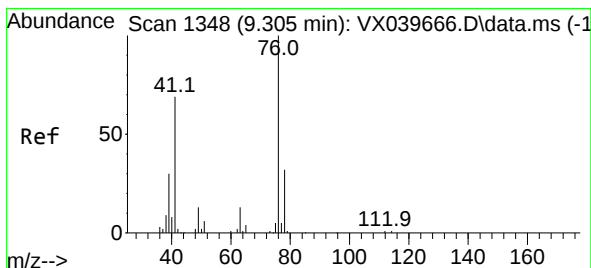
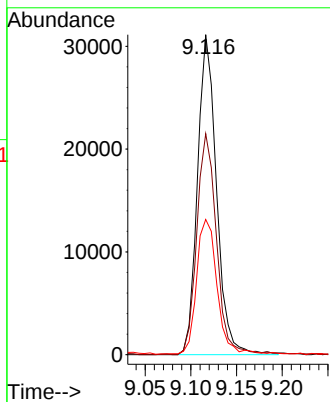
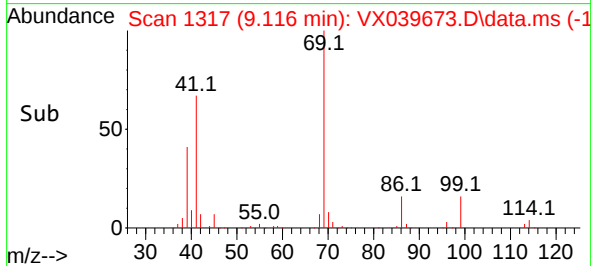
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



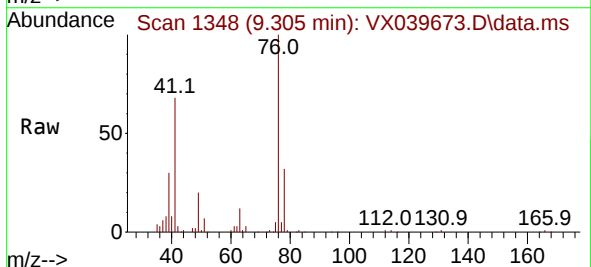
Tgt Ion: 69 Resp: 45160
Ion Ratio Lower Upper
69 100
41 69.0 36.2 108.6
39 41.9 21.1 63.4

Manual Integrations
APPROVED

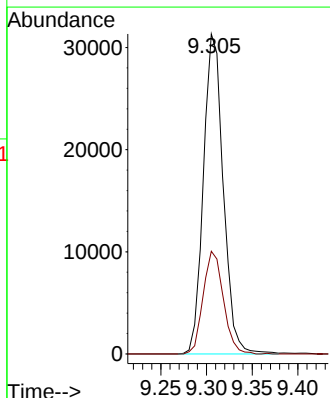
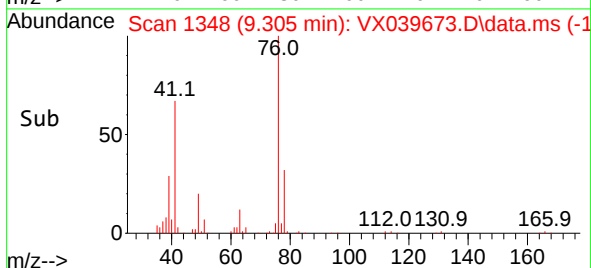
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

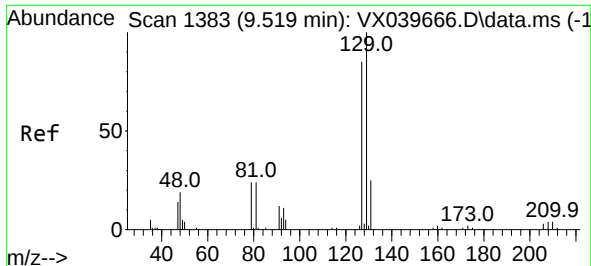


#52
1,3-Dichloropropane
Concen: 18.379 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



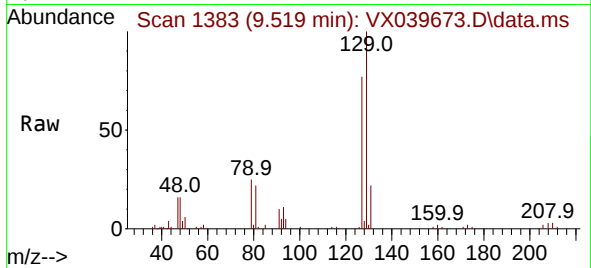
Tgt Ion: 76 Resp: 47357
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





#53
Dibromochloromethane
Concen: 18.692 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

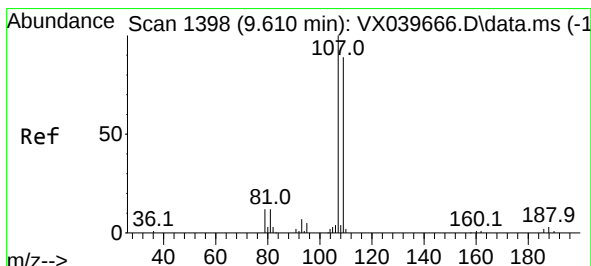
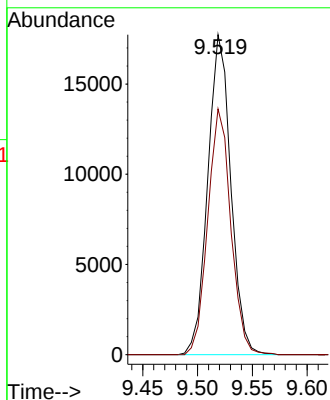
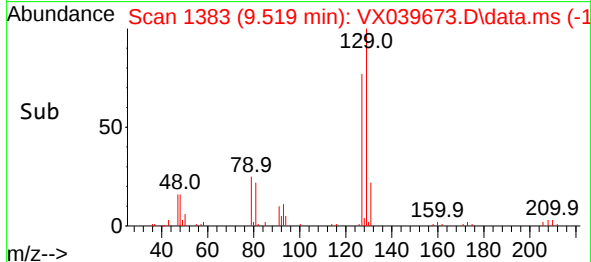
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 25974
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

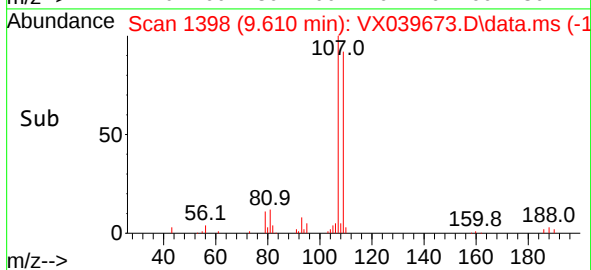
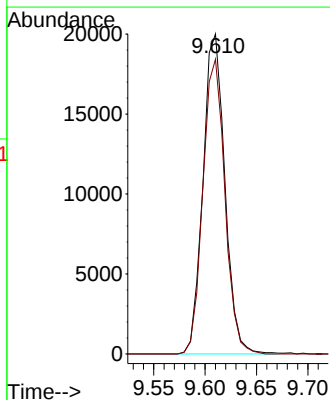
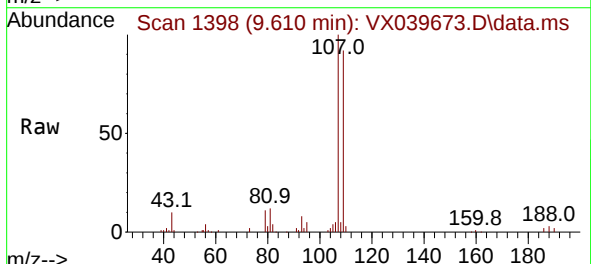
Manual Integrations
APPROVED

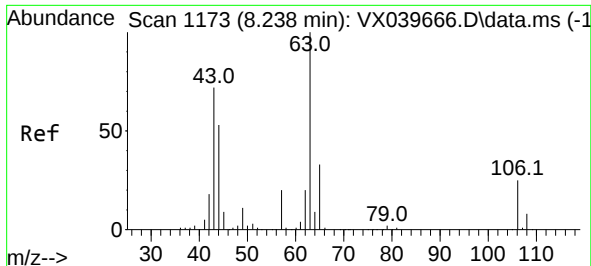
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#54
1,2-Dibromoethane
Concen: 18.986 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

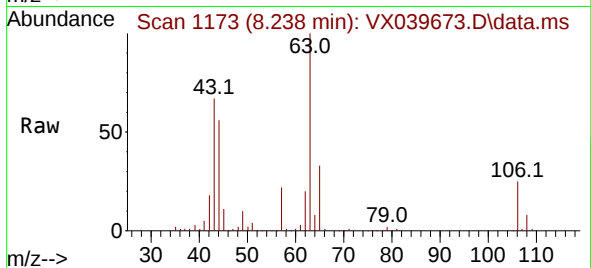
Tgt Ion:107 Resp: 29711
Ion Ratio Lower Upper
107 100
109 92.4 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 89.843 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

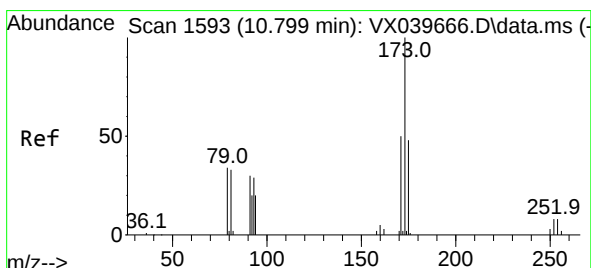
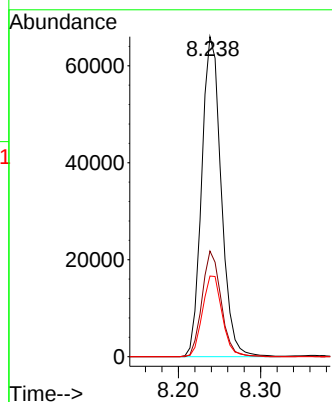
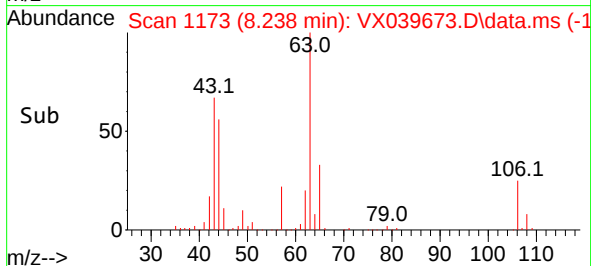
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 10904
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 25.6 20.6 31.0

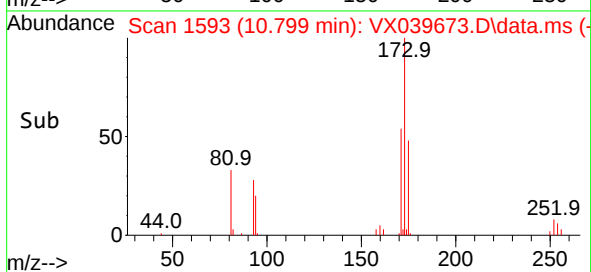
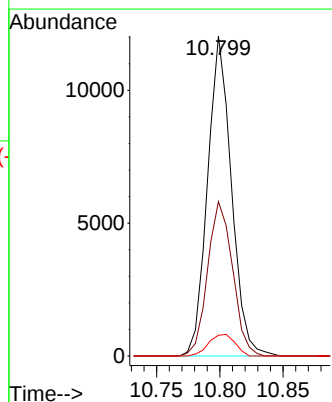
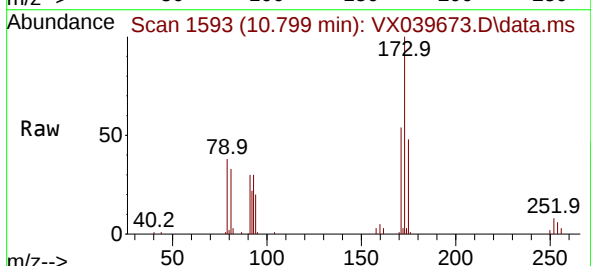
Manual Integrations
APPROVED

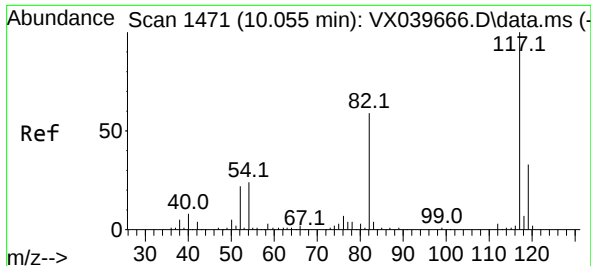
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#56
Bromoform
Concen: 16.888 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion:173 Resp: 15807
Ion Ratio Lower Upper
173 100
175 50.5 37.6 56.4
254 7.5 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 8265

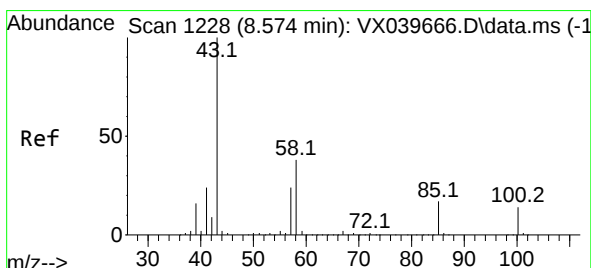
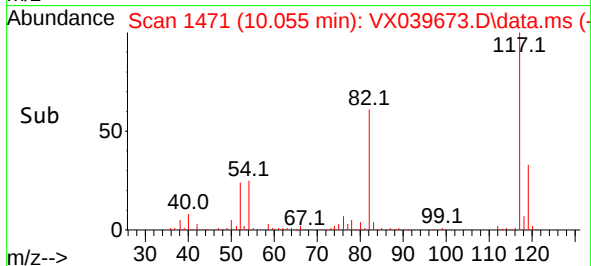
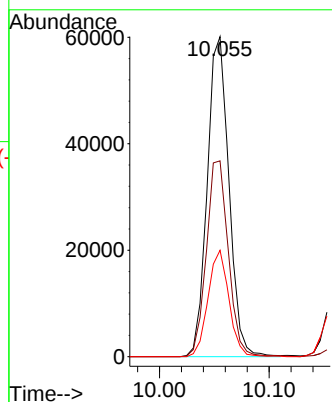
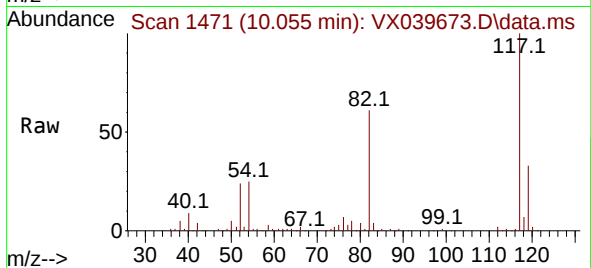
Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.0	70.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#58

4-Methyl-2-Pentanone

Concen: 93.381 ug/l

RT: 8.574 min Scan# 1228

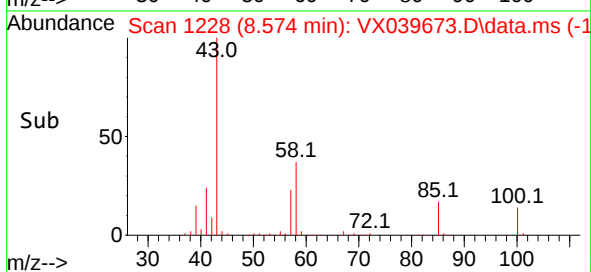
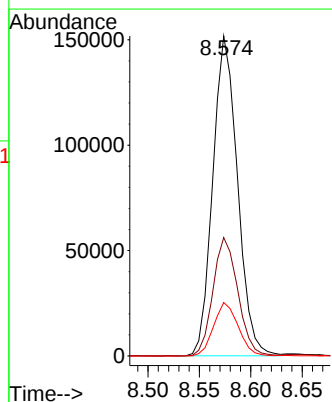
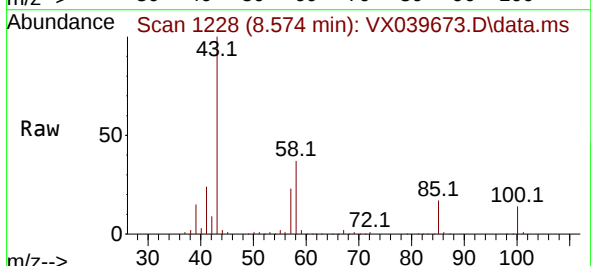
Delta R.T. -0.000 min

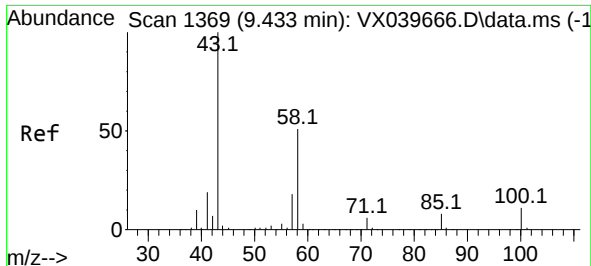
Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Tgt Ion: 43 Resp: 253889

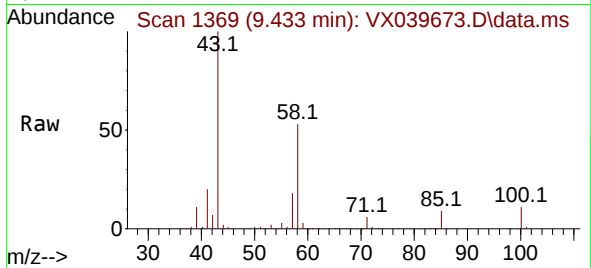
Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.1	45.1
85	16.6	13.9	20.9





#59
2-Hexanone
Concen: 93.090 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

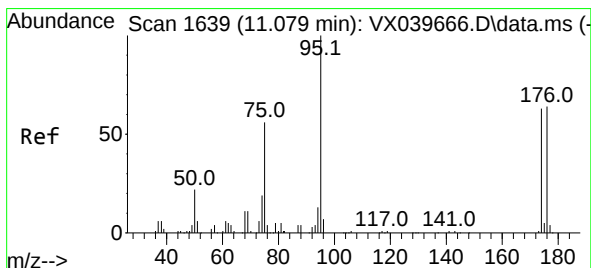
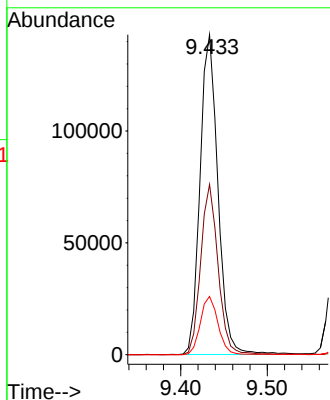
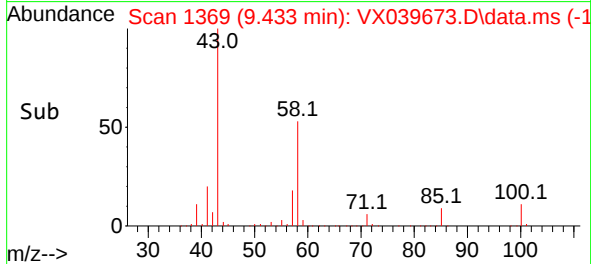
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 204870
Ion Ratio Lower Upper
43 100
58 51.4 42.7 64.1
57 18.1 14.8 22.2

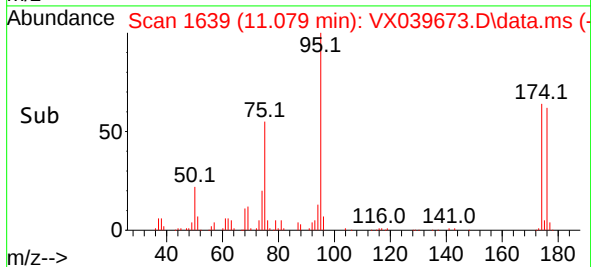
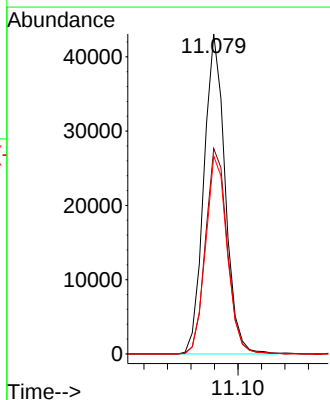
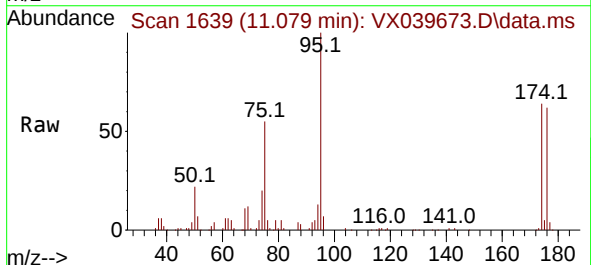
Manual Integrations
APPROVED

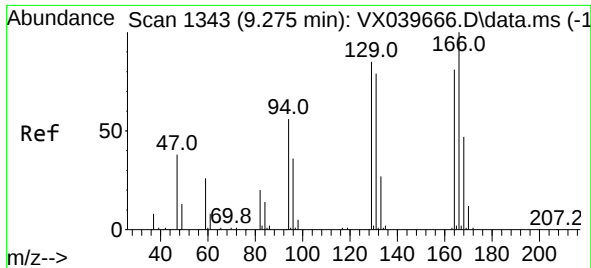
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#60
4-Bromofluorobenzene
Concen: 29.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

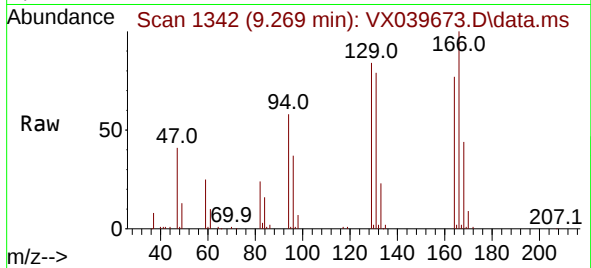
Tgt Ion: 95 Resp: 54050
Ion Ratio Lower Upper
95 100
174 65.6 55.4 83.2
176 63.0 52.6 78.8





#61
Tetrachloroethene
Concen: 19.493 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

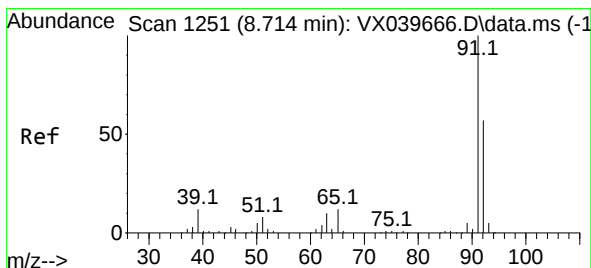
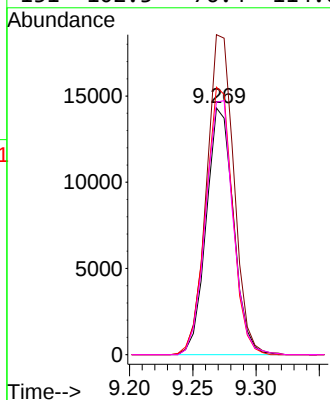
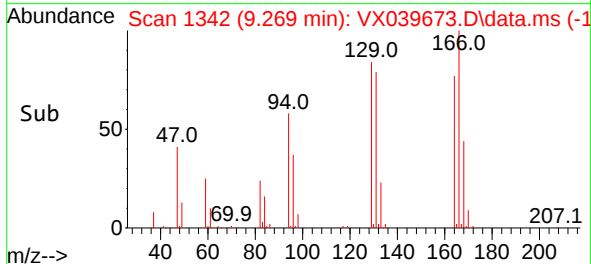
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 2134
Ion Ratio Lower Upper
164 100
166 129.3 104.0 156.0
129 108.4 82.0 123.0
131 102.3 76.4 114.6

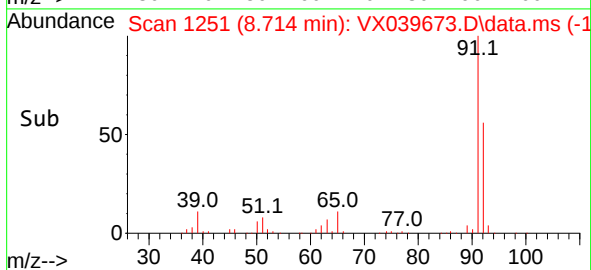
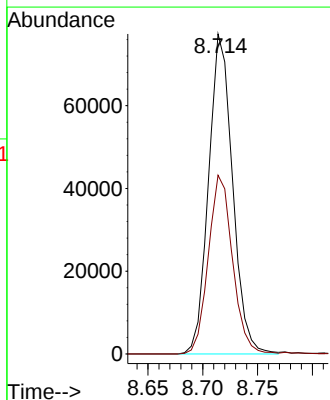
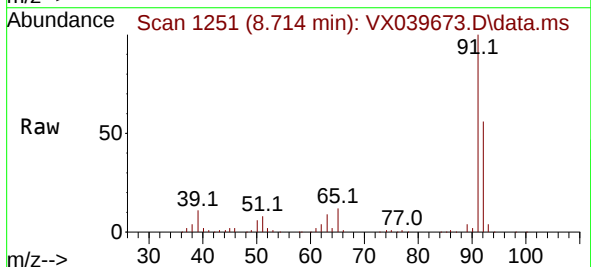
Manual Integrations
APPROVED

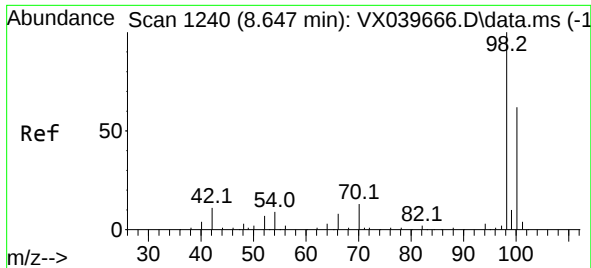
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#62
Toluene
Concen: 19.208 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

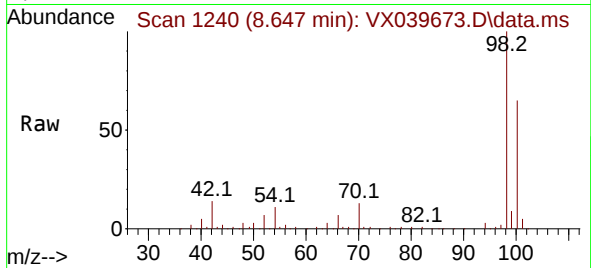
Tgt Ion: 91 Resp: 117704
Ion Ratio Lower Upper
91 100
92 56.4 45.9 68.9





#63
Toluene-d8
Concen: 30.670 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

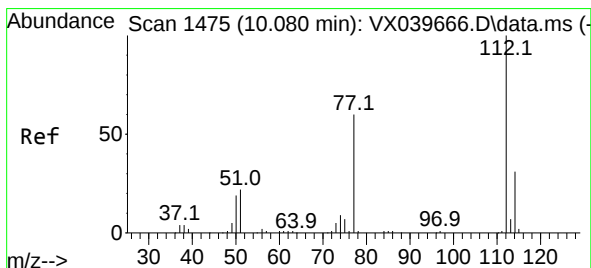
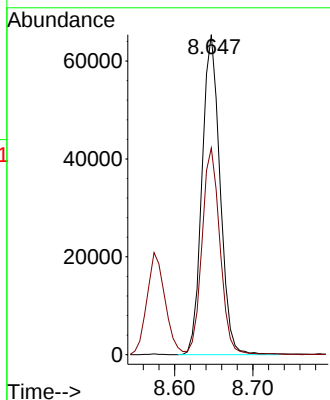
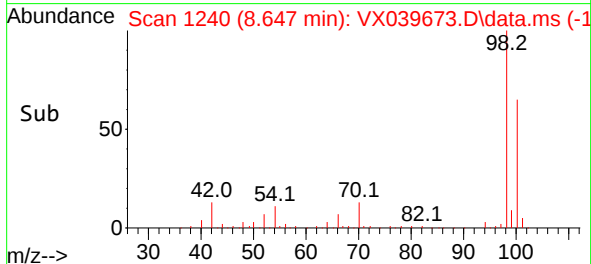
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 10422
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

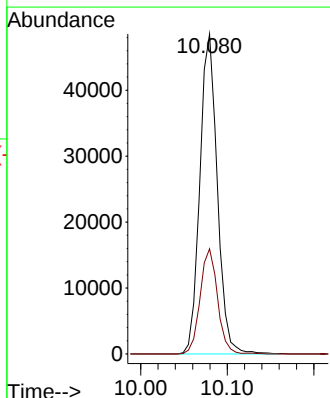
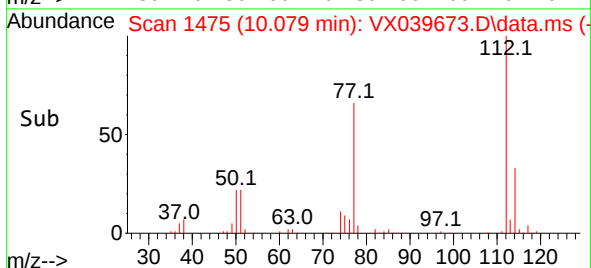
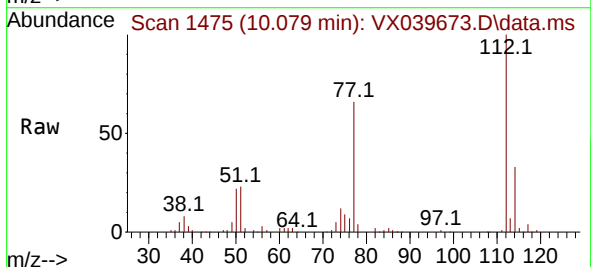
Manual Integrations
APPROVED

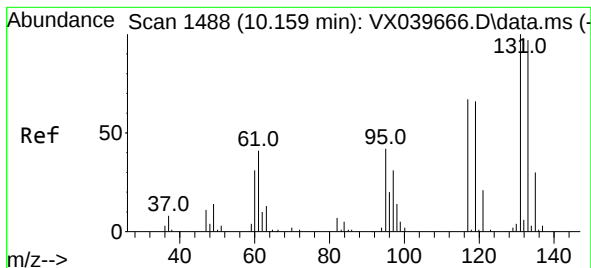
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#64
Chlorobenzene
Concen: 19.065 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

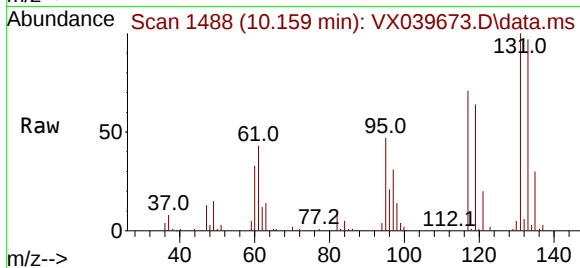
Tgt Ion:112 Resp: 67925
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 18.703 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

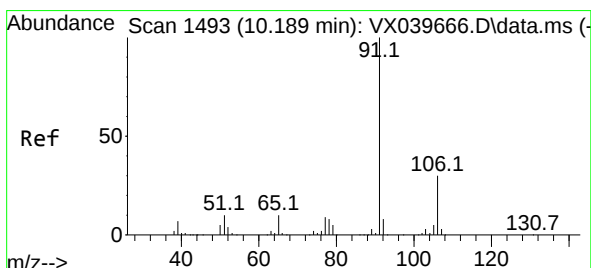
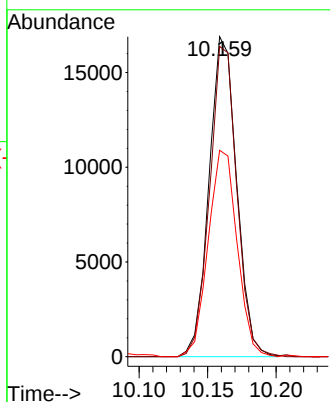
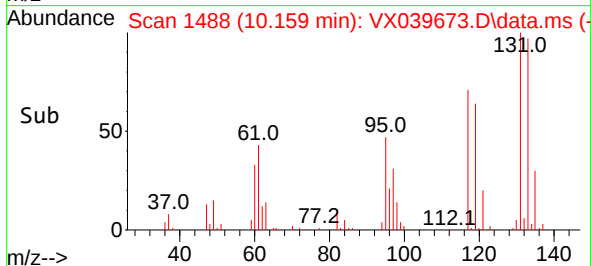
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



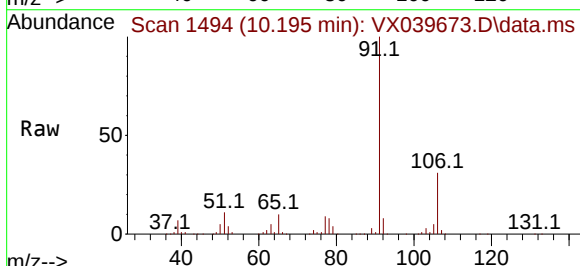
Tgt Ion:131 Resp: 23690
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.8
119 67.5 0.0 135.4

Manual Integrations
APPROVED

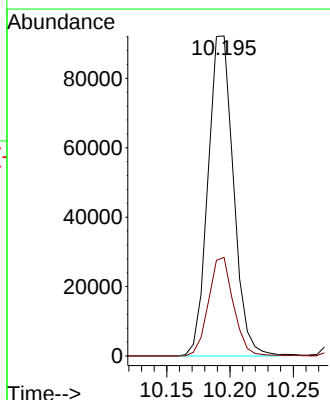
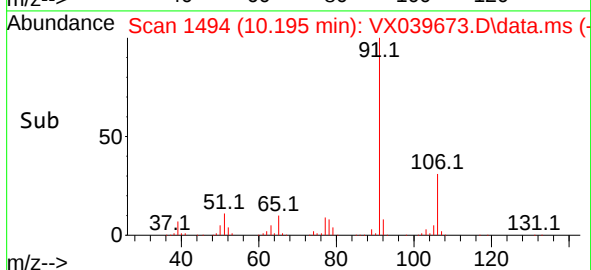
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

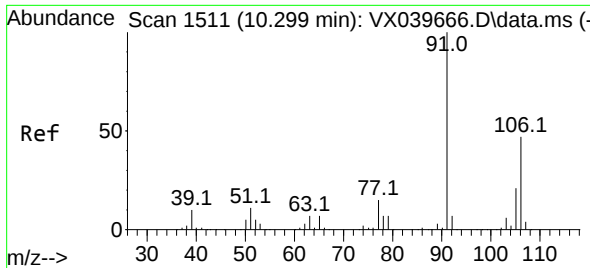


#66
Ethyl Benzene
Concen: 19.225 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 91 Resp: 129359
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





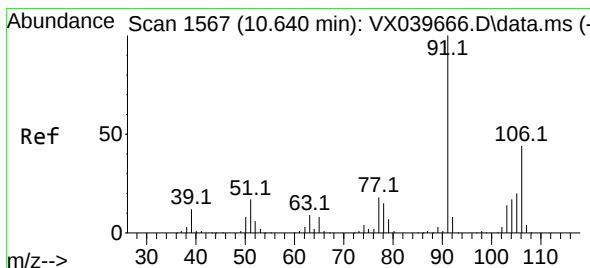
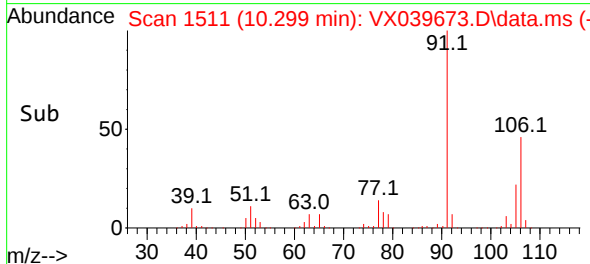
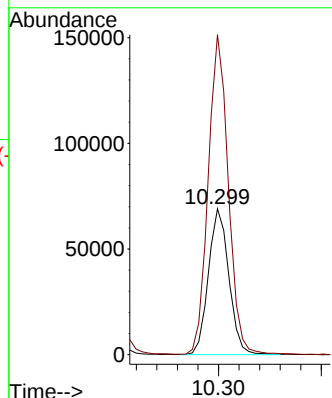
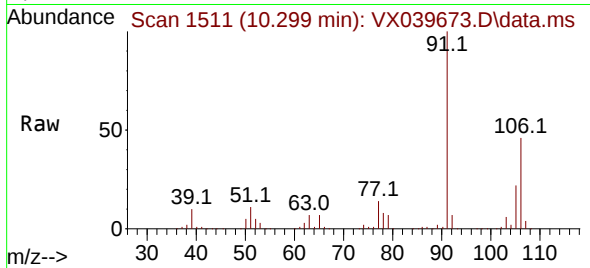
#67
m/p-Xylenes
Concen: 38.966 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 95770
Ion Ratio Lower Upper
106 100
91 216.1 169.4 254.0

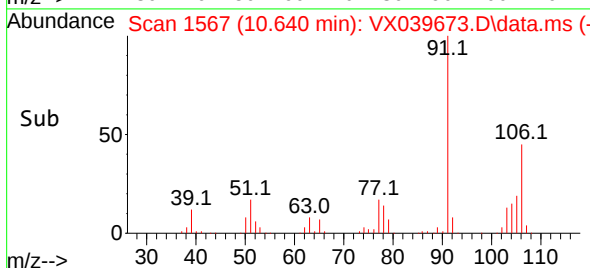
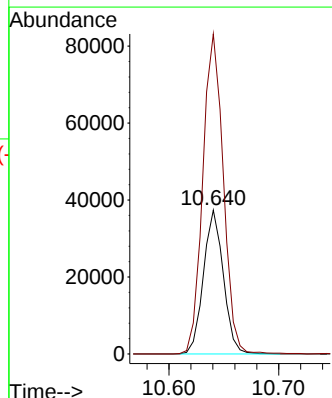
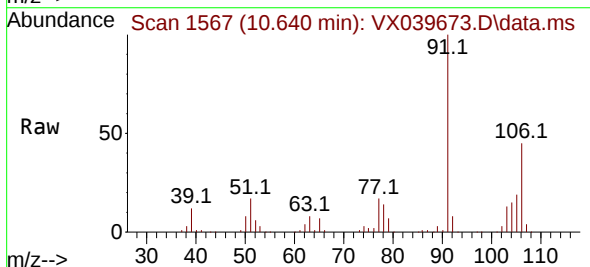
Manual Integrations
APPROVED

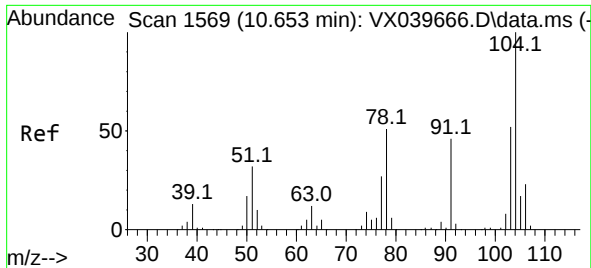
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#68
o-Xylene
Concen: 19.126 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

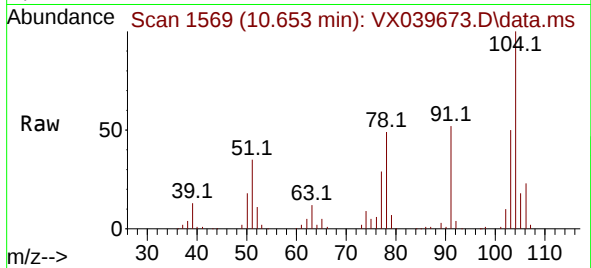
Tgt Ion:106 Resp: 47193
Ion Ratio Lower Upper
106 100
91 227.6 111.2 333.6





#69
Styrene
Concen: 19.249 ug/l
RT: 10.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

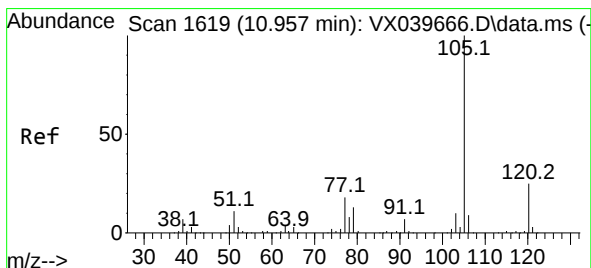
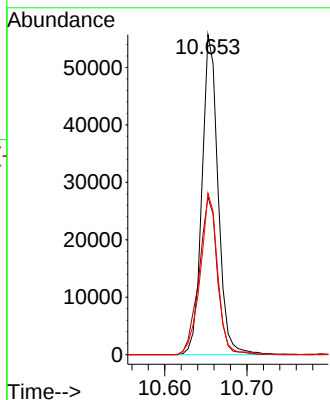
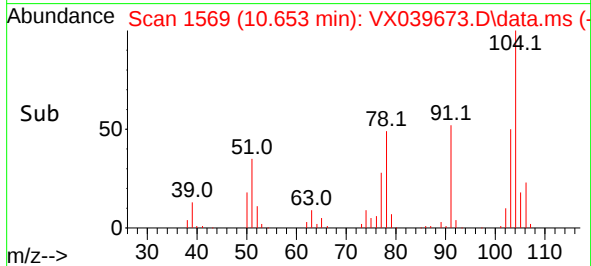
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



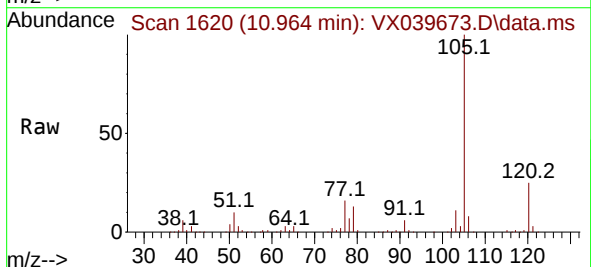
Tgt Ion:104 Resp: 75929
Ion Ratio Lower Upper
104 100
78 56.1 43.7 65.5
103 54.0 44.6 67.0

Manual Integrations
APPROVED

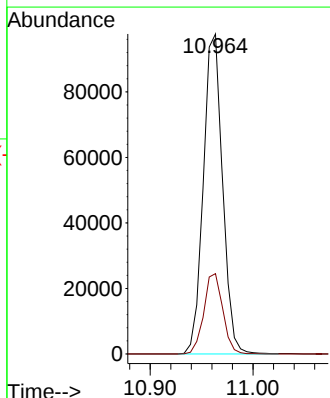
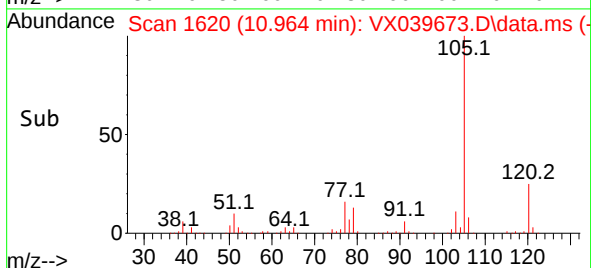
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

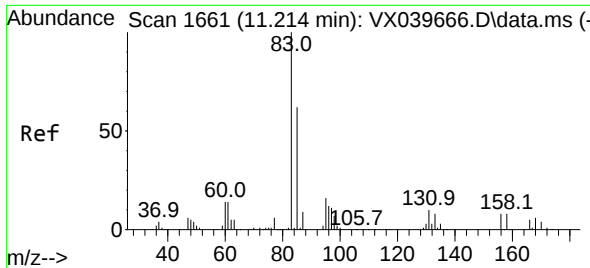


#70
Isopropylbenzene
Concen: 19.509 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion:105 Resp: 127054
Ion Ratio Lower Upper
105 100
120 24.7 18.5 34.3





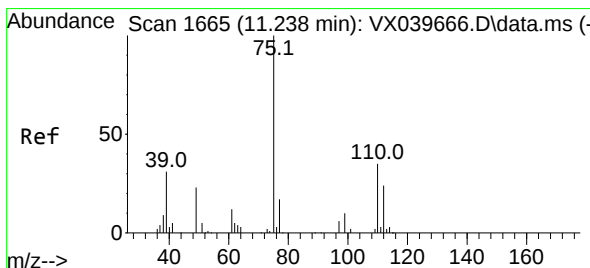
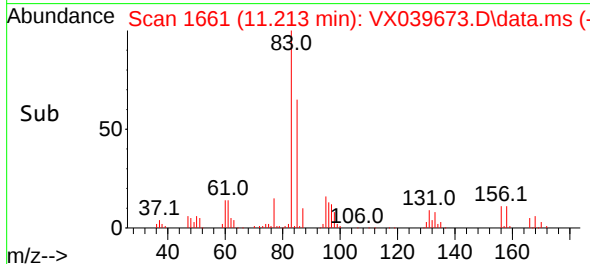
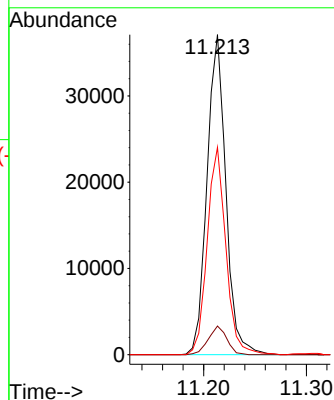
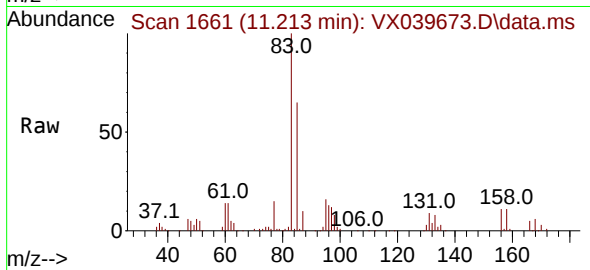
#71
1,1,2,2-Tetrachloroethane
Concen: 18.932 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4735
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 64.3 32.5 97.4

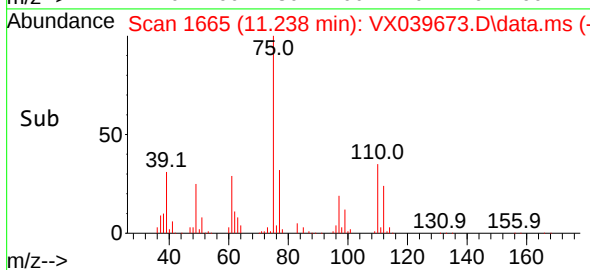
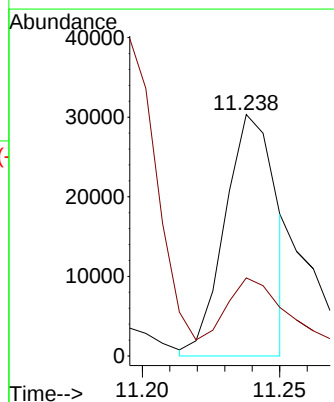
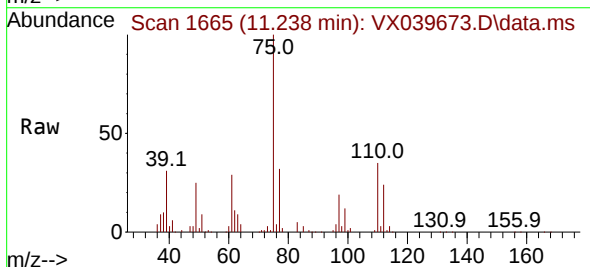
Manual Integrations
APPROVED

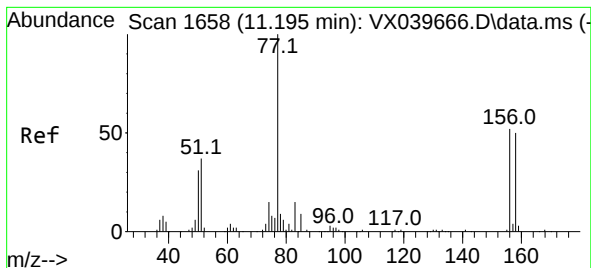
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#72
1,2,3-Trichloropropane
Concen: 18.716 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 75 Resp: 39158
Ion Ratio Lower Upper
75 100
77 42.8 0.0 76.4





#73

Bromobenzene

Concen: 18.987 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

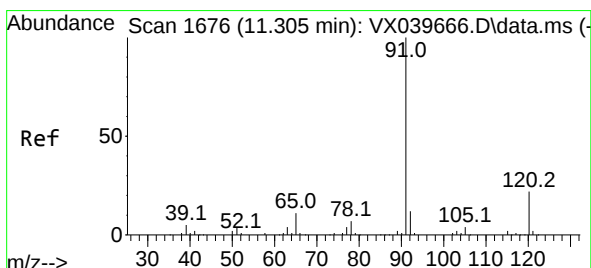
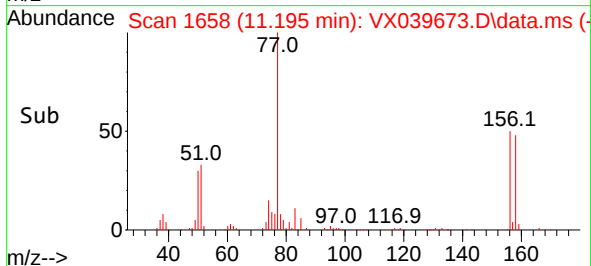
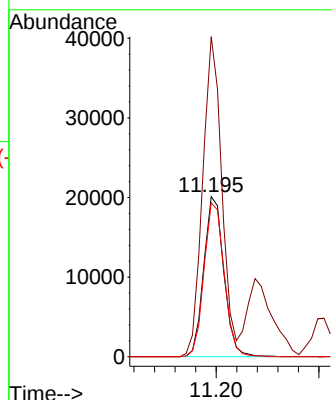
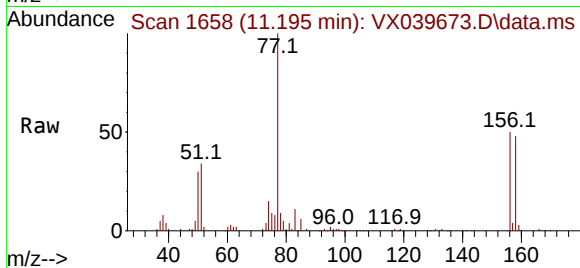
Tgt Ion:	156	Resp:	2730
Ion Ratio	Lower	Upper	
156	100		
77	190.1	0.0	363.2
158	96.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#74

n-propylbenzene

Concen: 19.421 ug/l

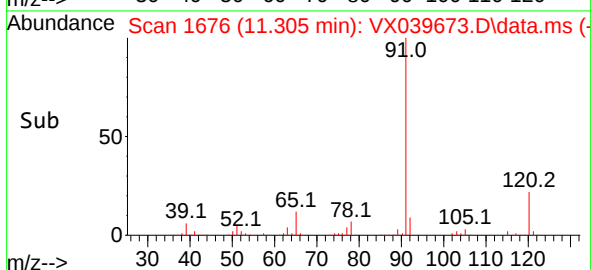
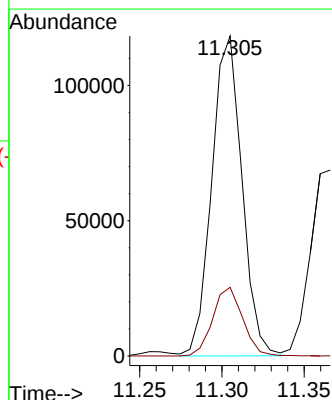
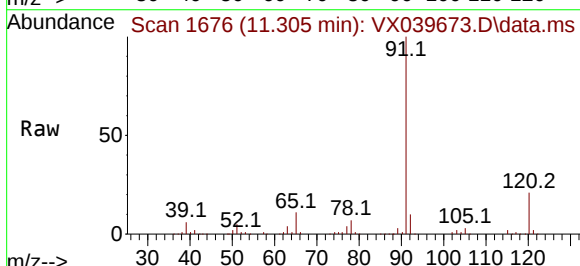
RT: 11.305 min Scan# 1676

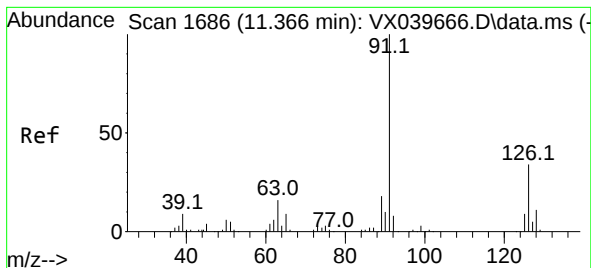
Delta R.T. -0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Tgt Ion:	91	Resp:	150800
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	43.4





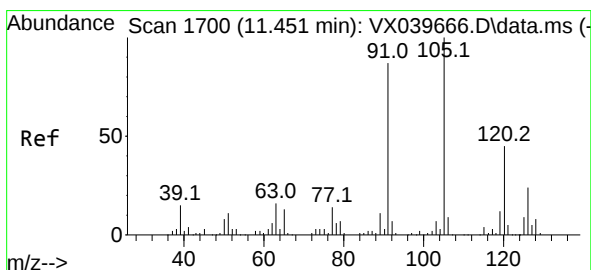
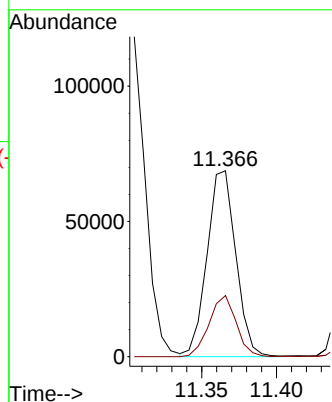
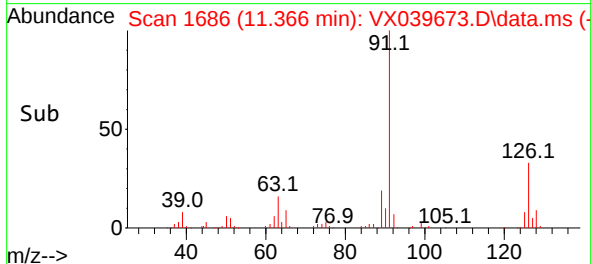
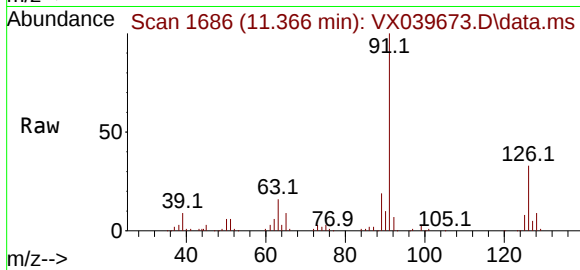
#75
2-Chlorotoluene
Concen: 19.094 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 92109
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.2

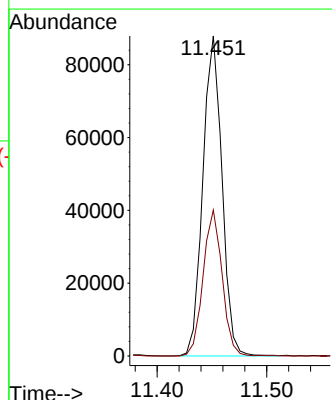
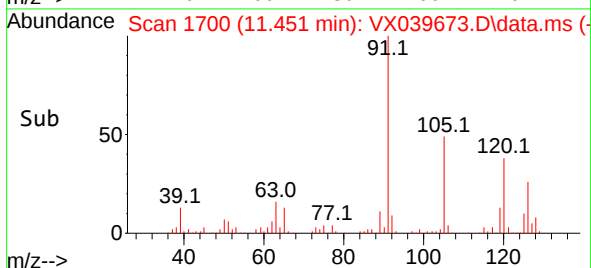
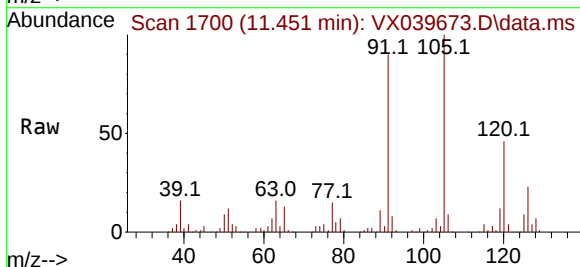
Manual Integrations
APPROVED

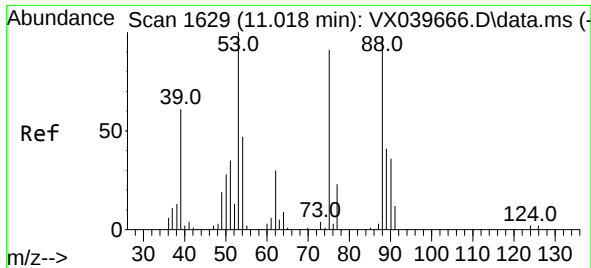
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.163 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion:105 Resp: 106613
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





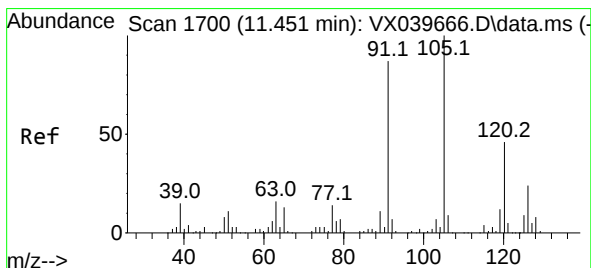
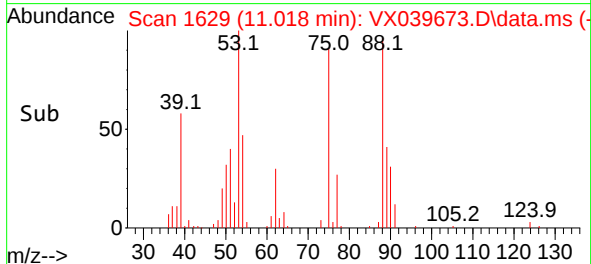
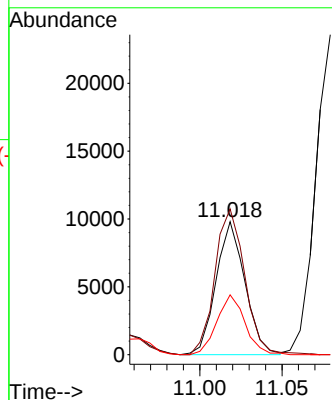
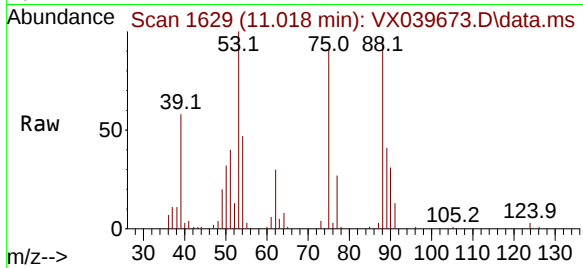
#77
t-1,4-Dichloro-2-butene
Concen: 17.490 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 12009
Ion Ratio Lower Upper
75 100
53 109.6 46.9 140.8
89 45.0 21.3 63.7

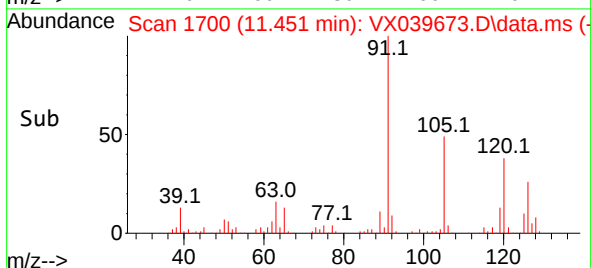
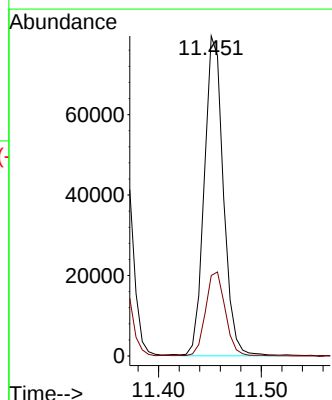
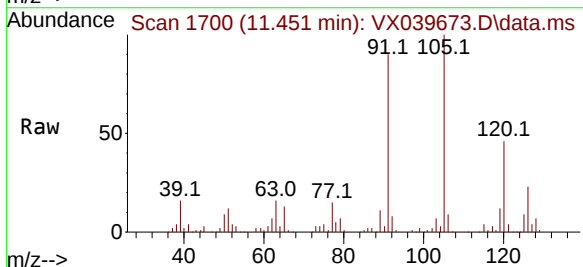
Manual Integrations
APPROVED

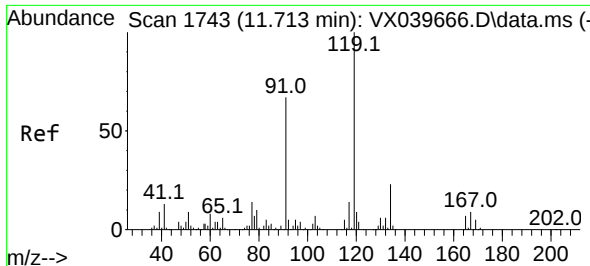
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#78
4-Chlorotoluene
Concen: 19.197 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Tgt Ion: 91 Resp: 102712
Ion Ratio Lower Upper
91 100
126 27.0 0.0 57.4





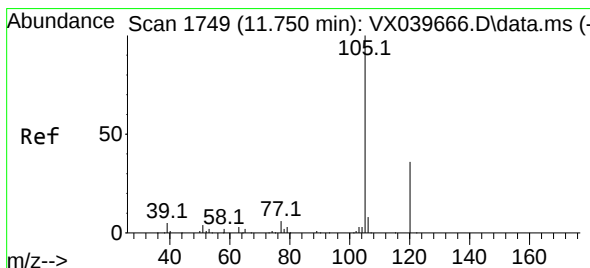
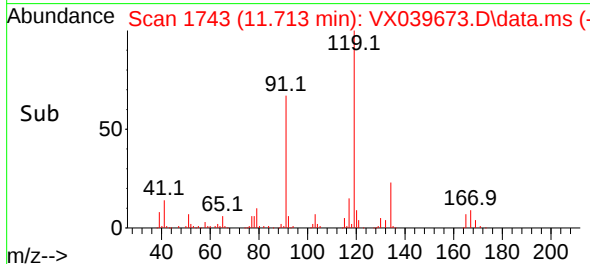
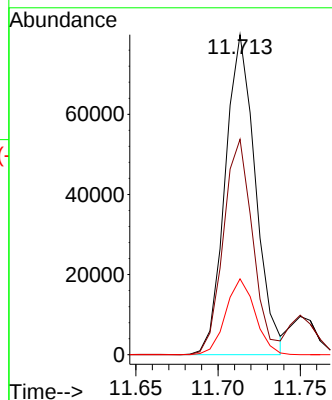
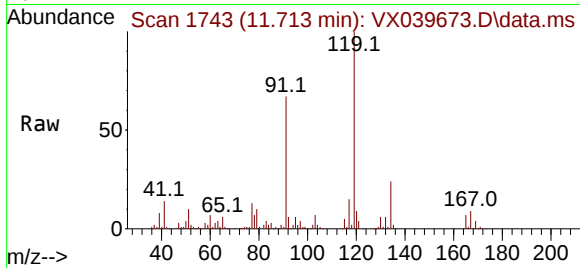
#79
tert-butylbenzene
Concen: 19.424 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 102395
Ion Ratio Lower Upper
119 100
91 65.8 0.0 125.6
134 23.0 0.0 43.8

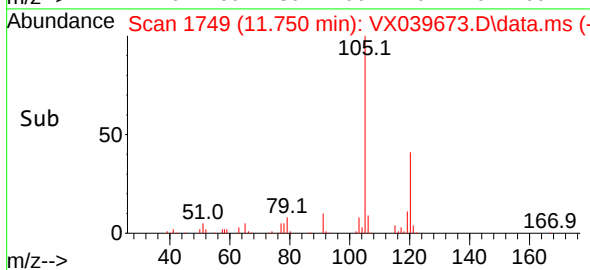
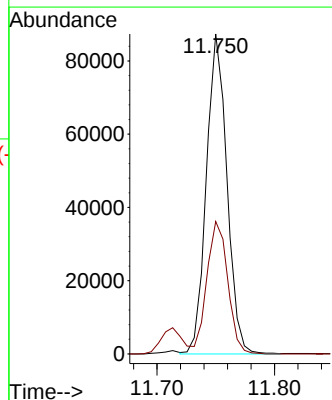
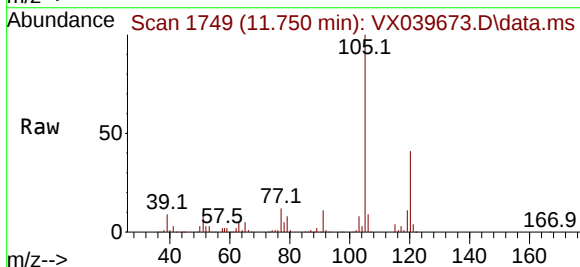
Manual Integrations
APPROVED

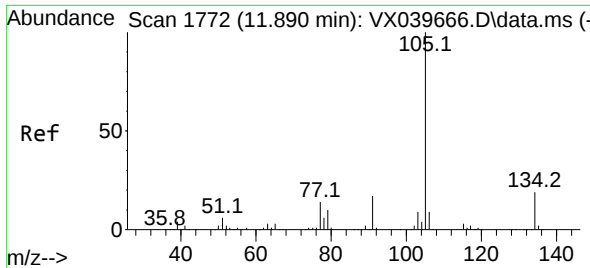
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.219 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

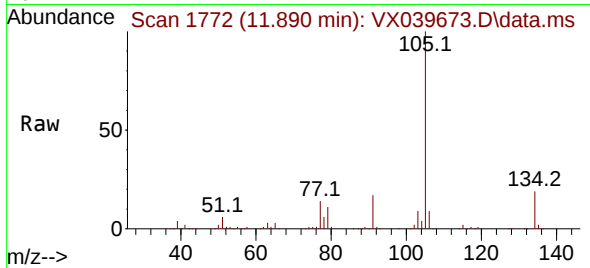
Tgt Ion:105 Resp: 106116
Ion Ratio Lower Upper
105 100
120 41.8 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.212 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58

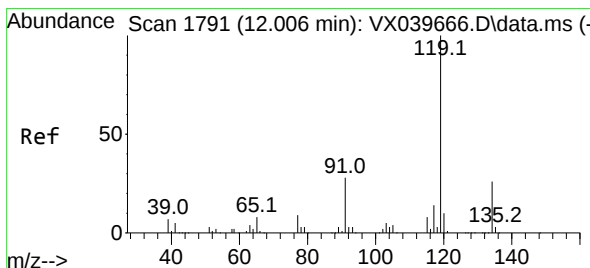
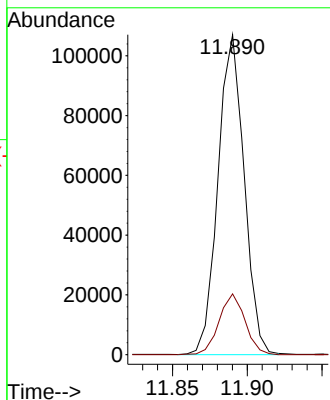
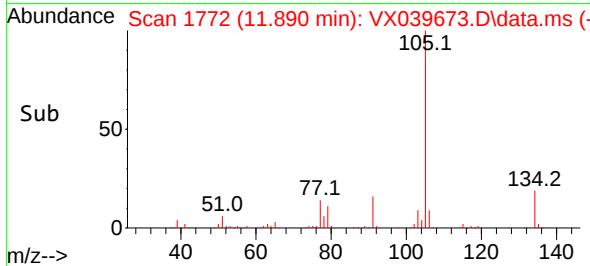
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



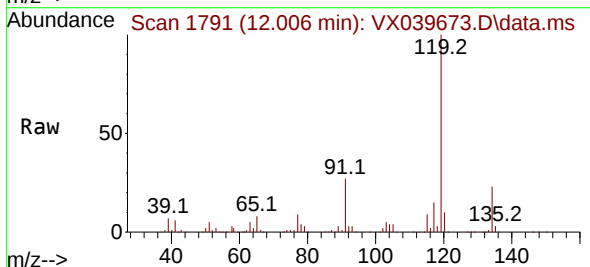
Tgt Ion:105 Resp: 13016
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
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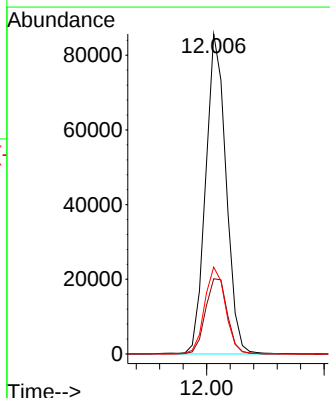
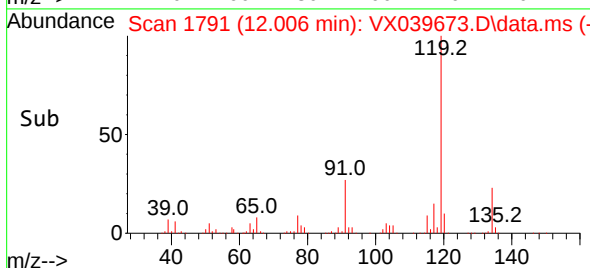
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024

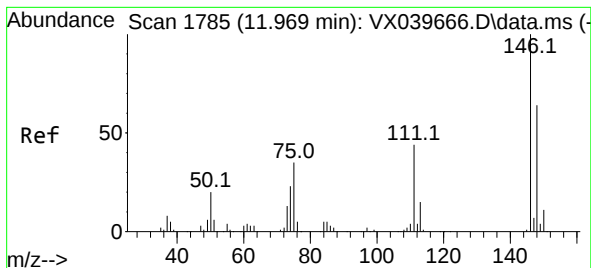


#82
 p-Isopropyltoluene
 Concen: 19.107 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039673.D
 Acq: 09 Jan 2024 10:58



Tgt Ion:119 Resp: 103026
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.6
 91 27.8 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 18.726 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 50329

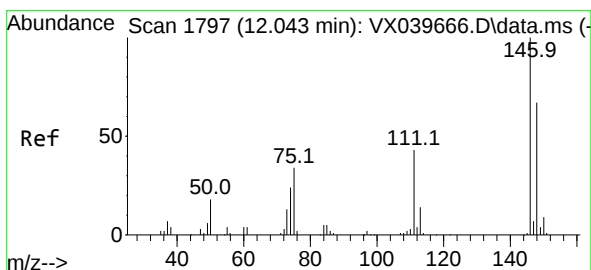
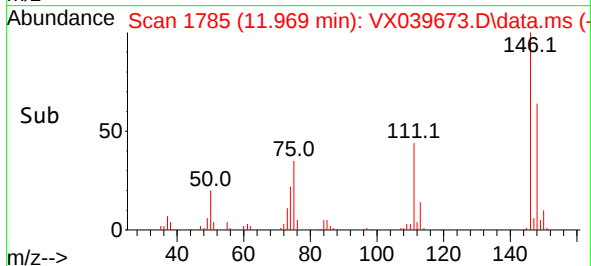
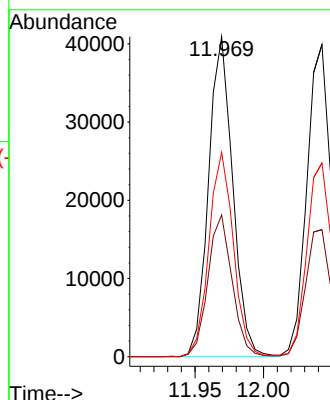
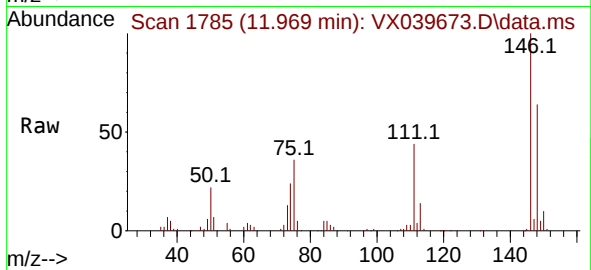
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.3	66.9
148	64.6	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#84

1,4-Dichlorobenzene

Concen: 18.986 ug/l

RT: 12.043 min Scan# 1797

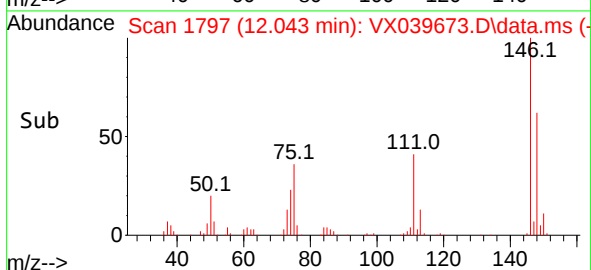
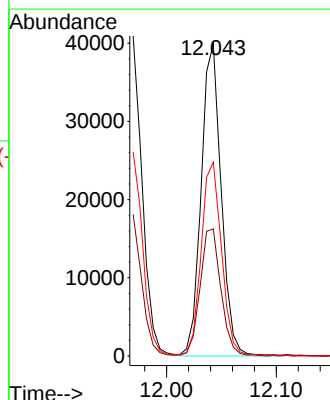
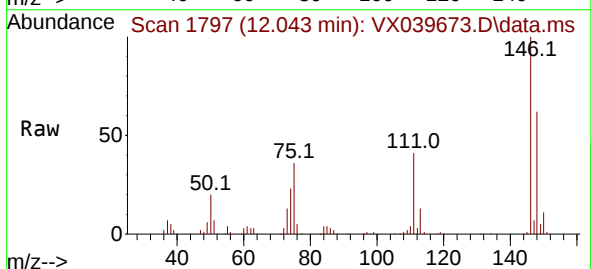
Delta R.T. -0.000 min

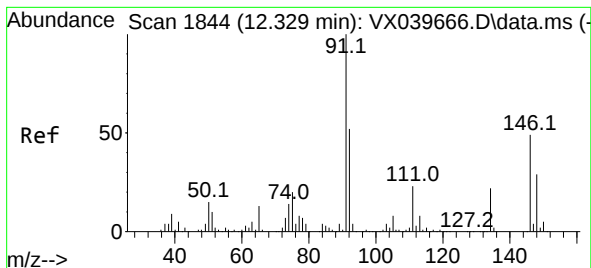
Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Tgt Ion:146 Resp: 50608

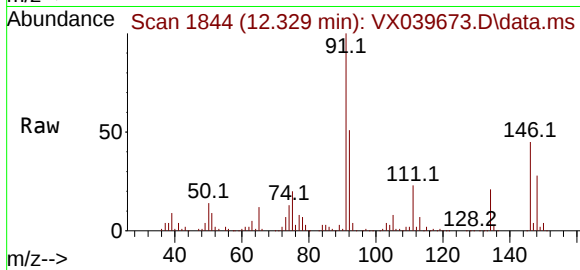
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.2
148	63.1	31.8	95.4





#85
n-Butylbenzene
Concen: 18.835 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

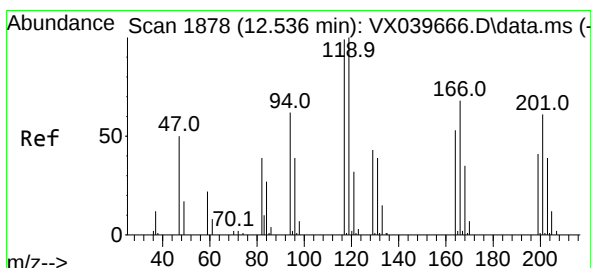
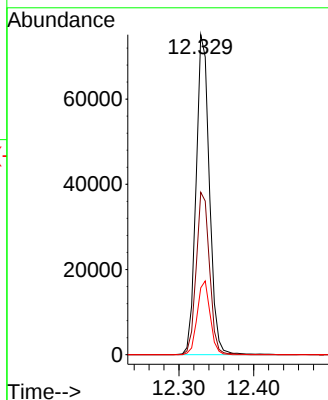
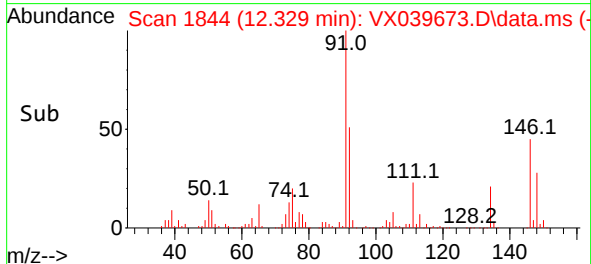
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 92954
Ion Ratio Lower Upper
91 100
92 50.3 0.0 106.2
134 22.2 0.0 48.8

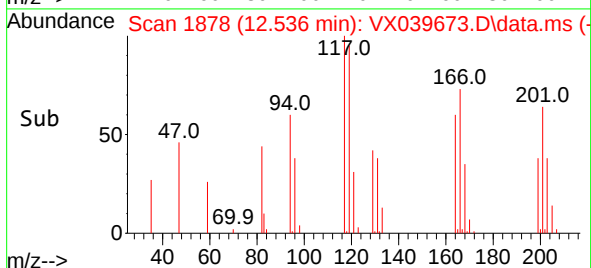
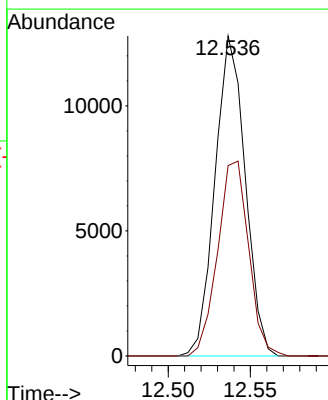
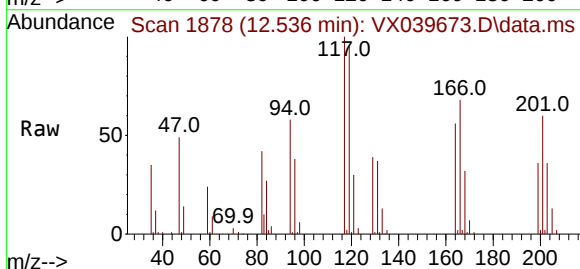
Manual Integrations
APPROVED

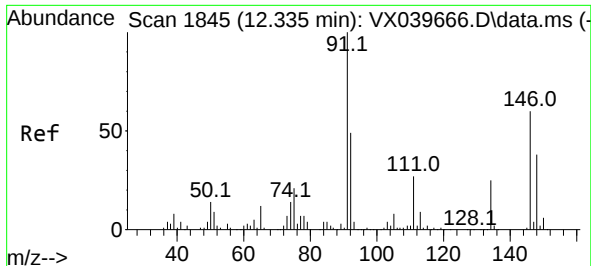
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#86
Hexachloroethane
Concen: 17.709 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

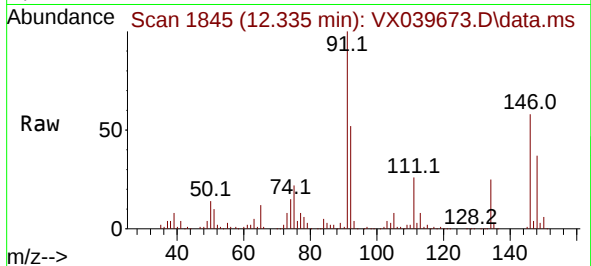
Tgt Ion:117 Resp: 16337
Ion Ratio Lower Upper
117 100
201 62.7 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 18.762 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

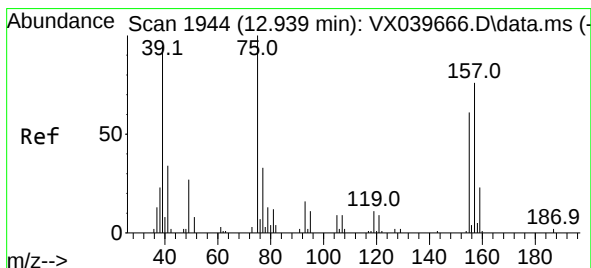
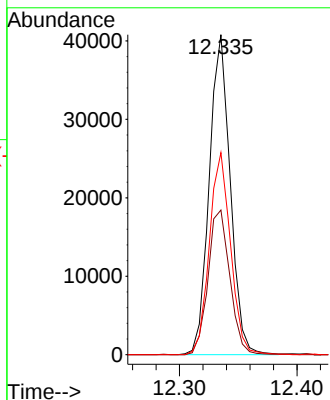
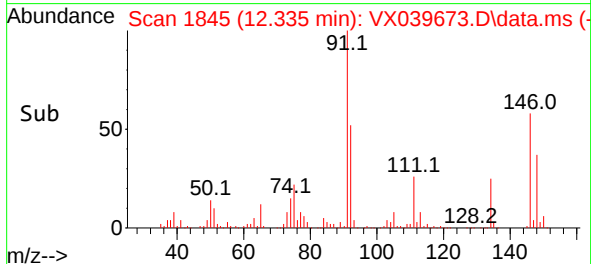
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



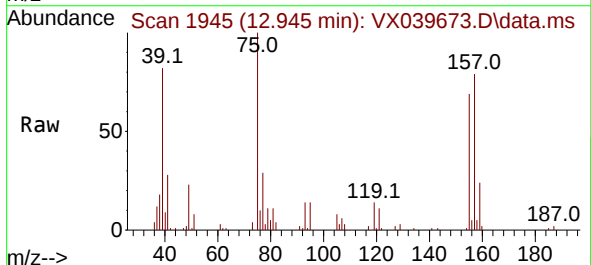
Tgt Ion:146 Resp: 50530
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.2
148 63.9 31.9 95.7

Manual Integrations
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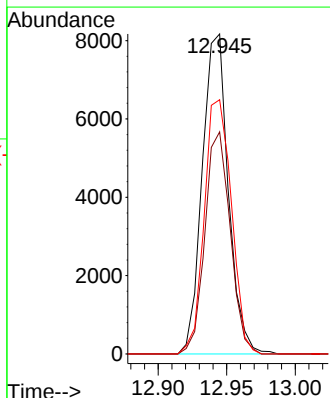
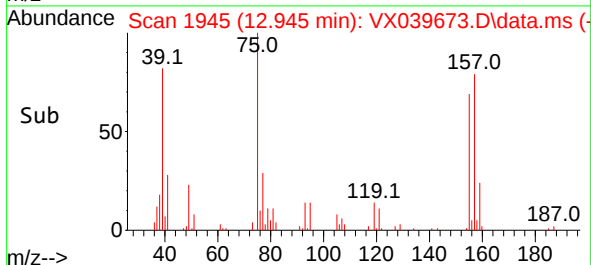
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

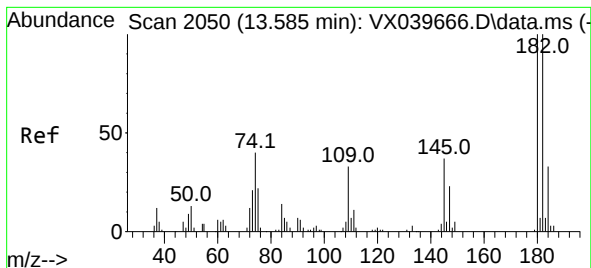


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.116 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
155 67.3 58.2 87.4
157 82.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 18.433 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

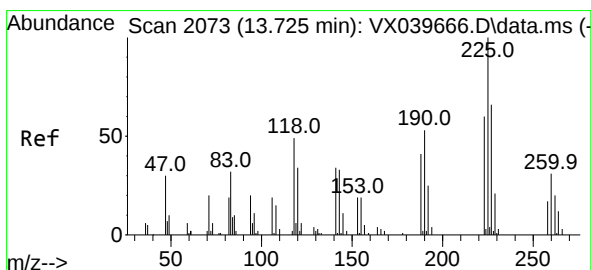
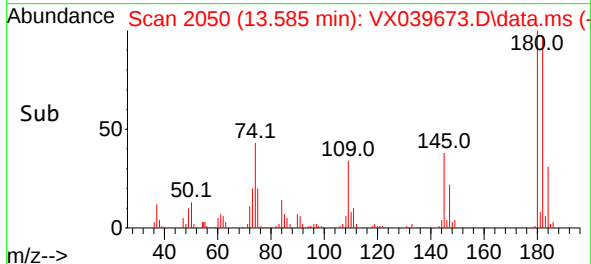
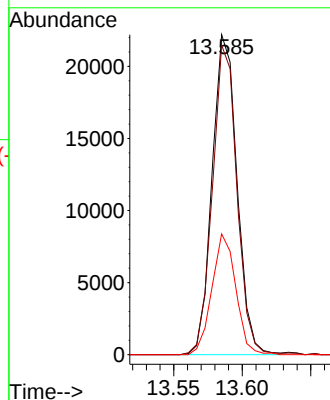
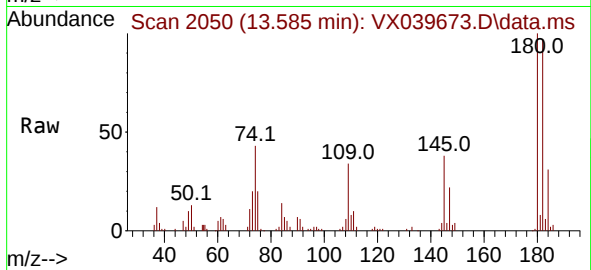
Tgt Ion:180	Resp:	27990
Ion Ratio	Lower	Upper
180	100	
182	95.0	74.5 111.7
145	36.3	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#90

Hexachlorobutadiene

Concen: 18.850 ug/l

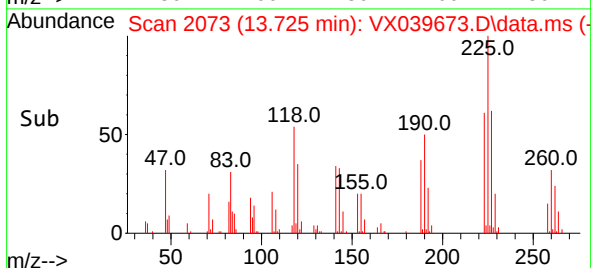
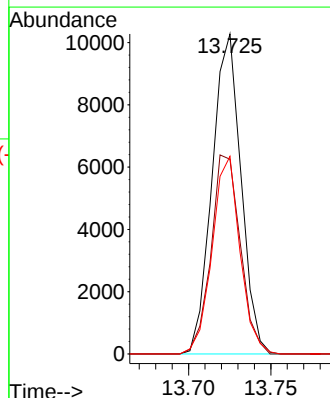
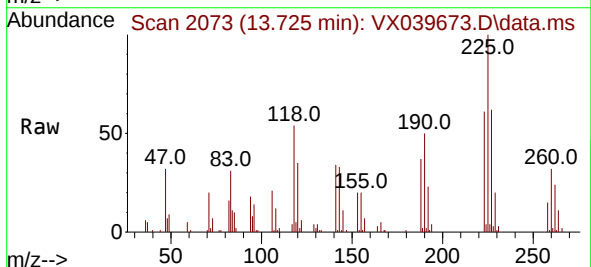
RT: 13.725 min Scan# 2073

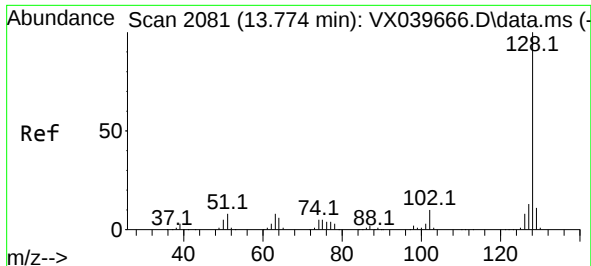
Delta R.T. 0.000 min

Lab File: VX039673.D

Acq: 09 Jan 2024 10:58

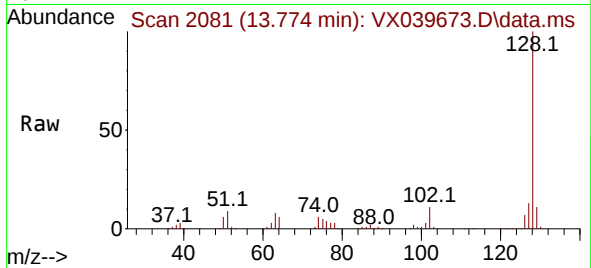
Tgt Ion:225	Resp:	12530
Ion Ratio	Lower	Upper
225	100	
223	63.2	0.0 124.4
227	59.6	0.0 124.4





#91
Naphthalene
Concen: 18.702 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58

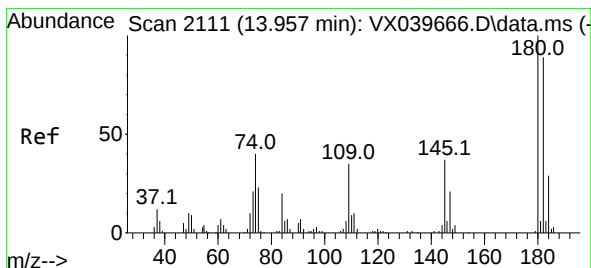
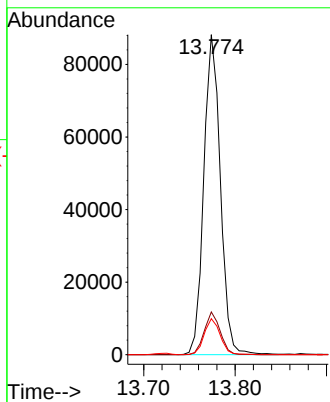
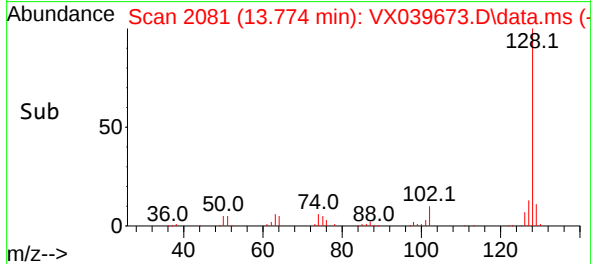
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



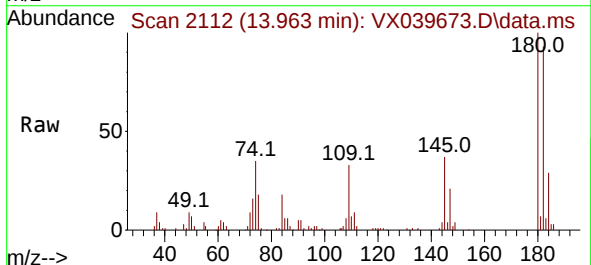
Tgt Ion:128 Resp: 110789
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.722 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039673.D
Acq: 09 Jan 2024 10:58



Tgt Ion:180 Resp: 29434
Ion Ratio Lower Upper
180 100
182 93.6 0.0 191.6
145 37.4 0.0 69.6

